

TMD

hMARCH 1 MDDSTE-REQSRLTSCLKKREEMKLLKECVSILPRKESPSVR-SKDGKLLAATLLLA  
mMARCH 1 MDESAKTLPFPCLCFCSSEKGEEMKVGYP-ITPQKEEGA WFGICR DGRLLAATLLLA

TMD

hMARCH 56 LLSCCILT VVSFF YQVAA LQGDLAS LRA ELQGHAEKLLPAGAGAPKAGLEEAPAVTAGL  
mMARCH 57 LLSSSF TAMS L YQLAALQADLMNLRMLELOSYRGSATTPAAAGAP - - - - - ELTAGV



hMARCH 113 KIFEPAPGEGNSSQNSRNKRAVQGPEET - - - - - APPAPCLPGCRHSQHDDNGMN  
mMARCH 106 KLLTPAAPRPHNSSRGHRRRAFFGPEETEQDVLSDSAPPAPCLPGCRHSQHDDNGMN

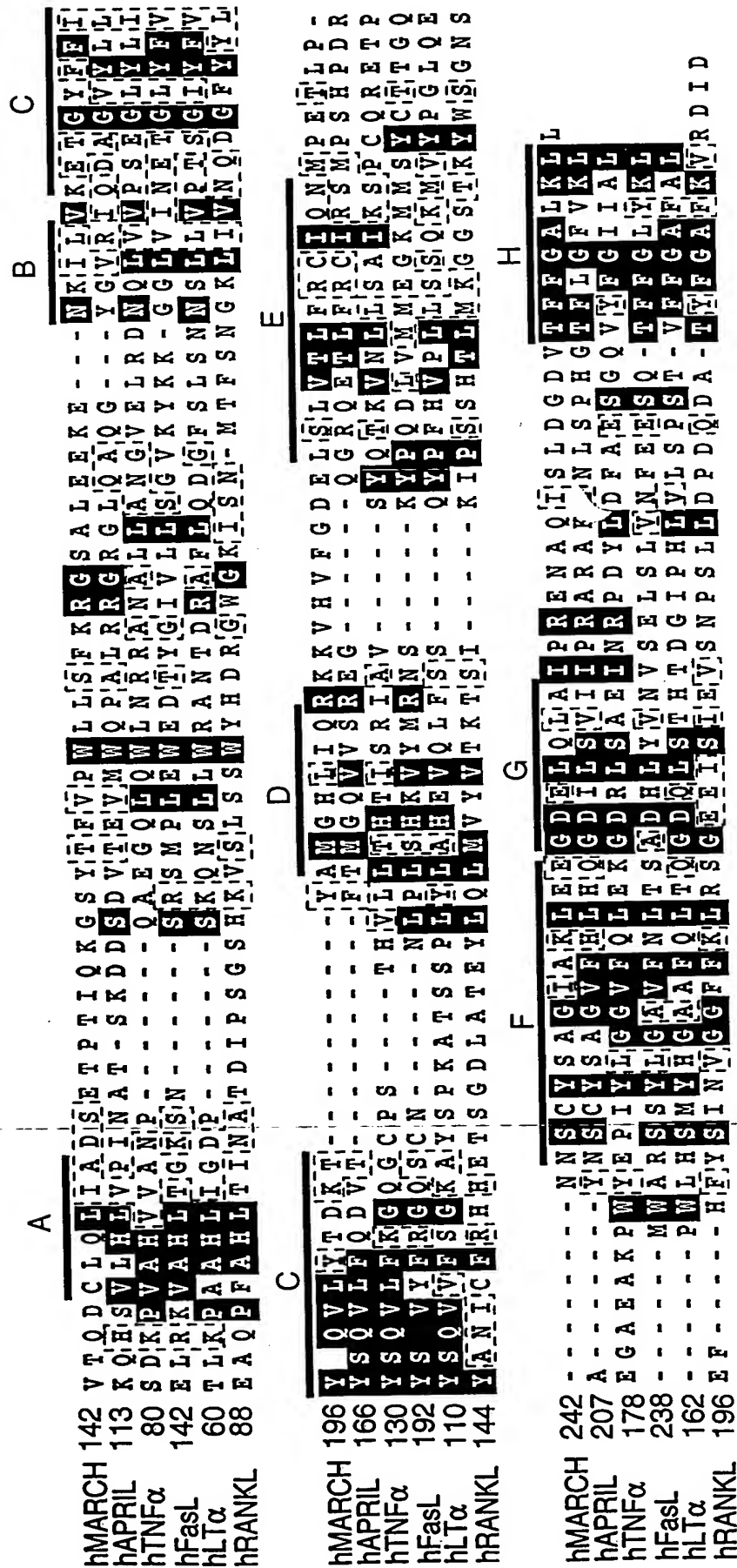
hMARCH 141 - - - VTQDCLQLIADSETPPTIQKGSYTFVPWLLSFKRGSALEEEKENKILVKE TGYFFI  
mMARCH 163 LRNI IQDCLQLIADSDTPPTIRKGT YTFVPWLLSFKRGNALEEEKENKIVVRQ TGYFFI



hMARCH 196 YGQVLYTDKTYAMGHV IQRKKVHVVFGEDELSLVTLFFRCIQNMMPETLPNNSCYSAGIAR  
mMARCH 220 YSQVLYTDPIFAMGHV IQRKKVHVVFGEDELSLVTLFFRCIQNMMPKTTLPNNSCYSAGIAR

hMARCH 253 LEEGDELOLAIPRENAQISLDGDDV TFFGALKLL  
mMARCH 277 LEEGDEILOLAIPRENAQISRNCGDD TFFGALKLL

FIG. 1A



102017 129999

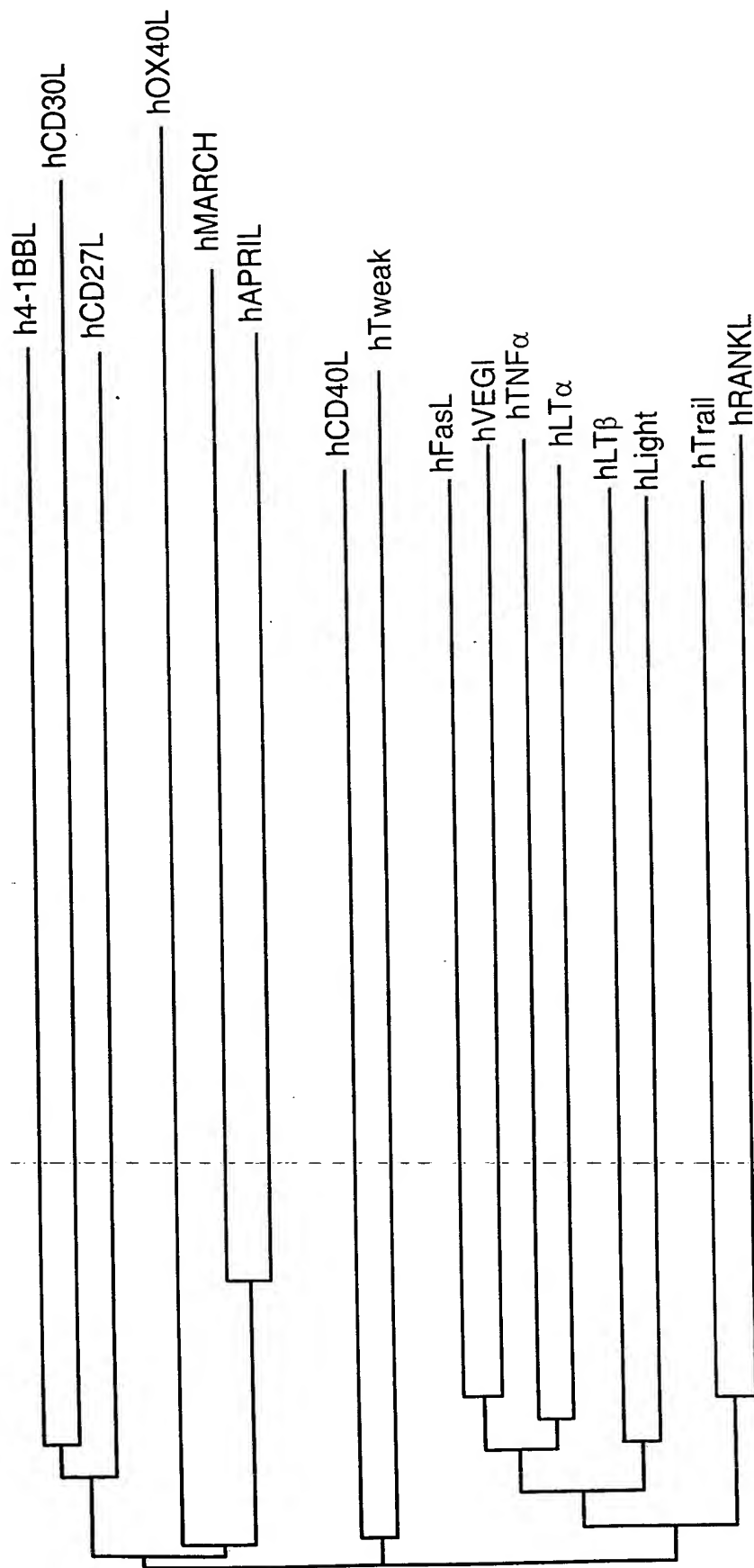


FIG. 1C

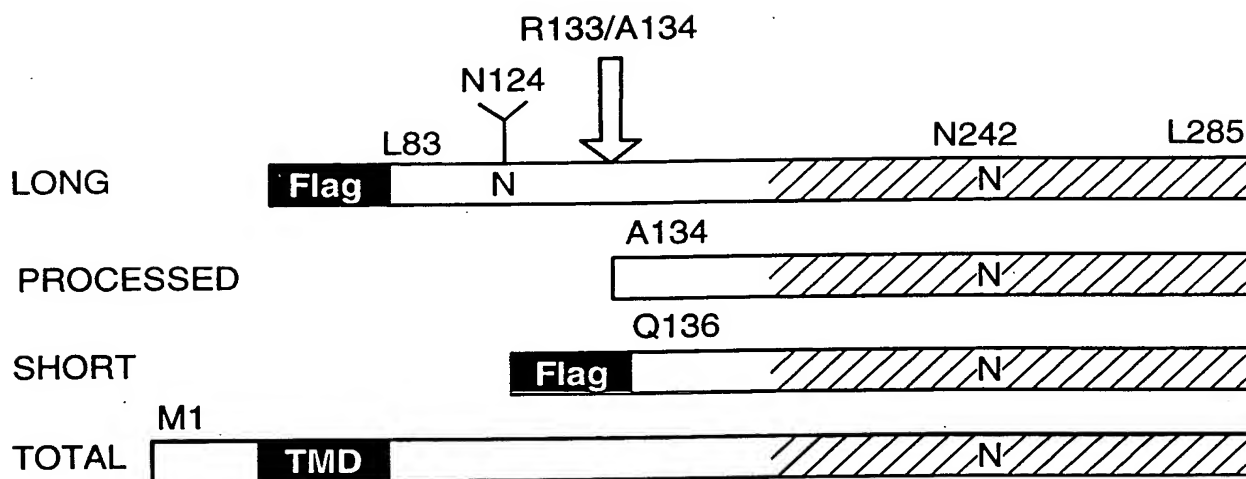


FIG. 2A

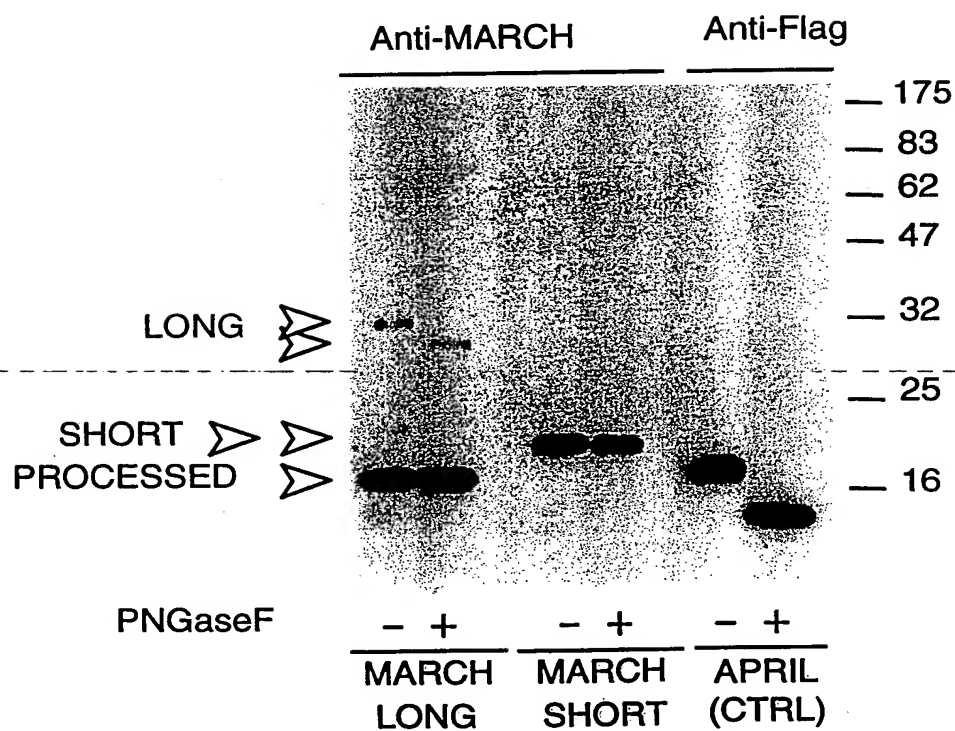
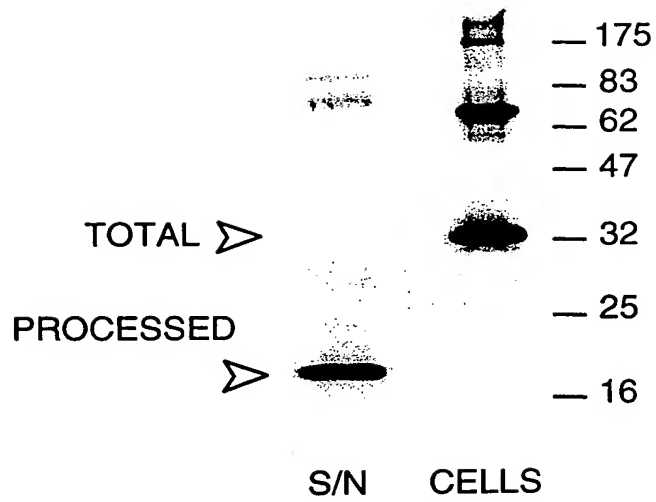


FIG. 2B



S/N CELLS  
FIG. 2C

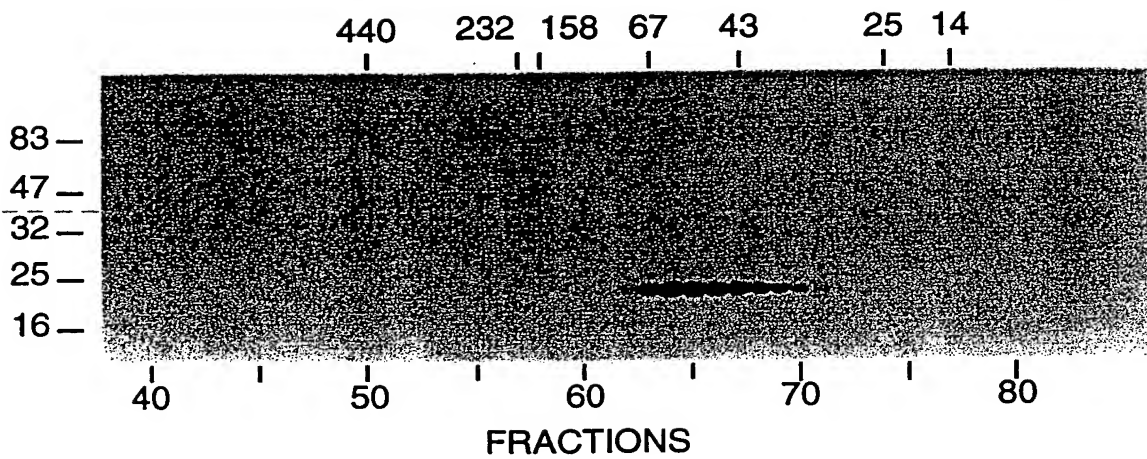


FIG. 2D

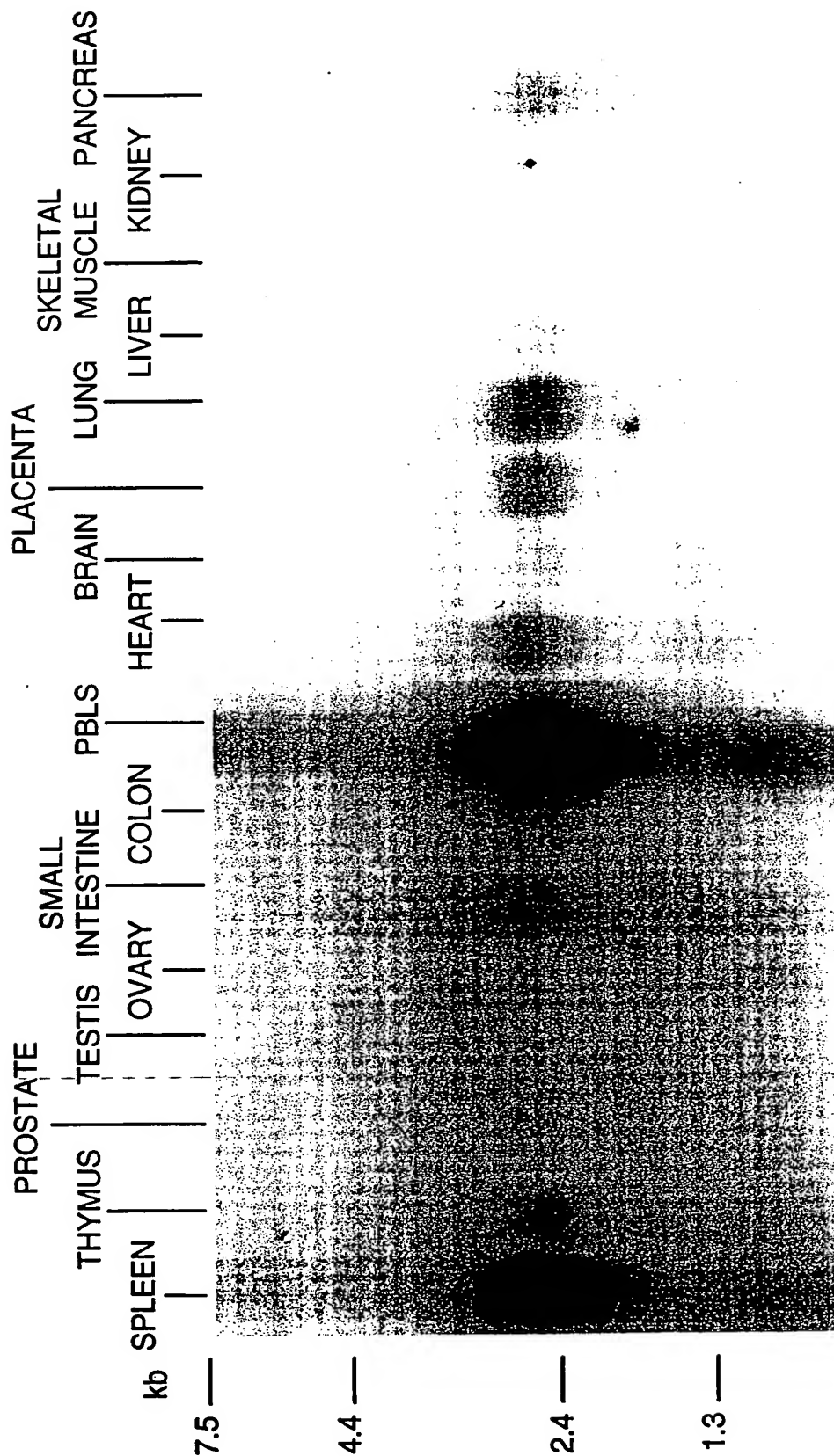


FIG. 3A

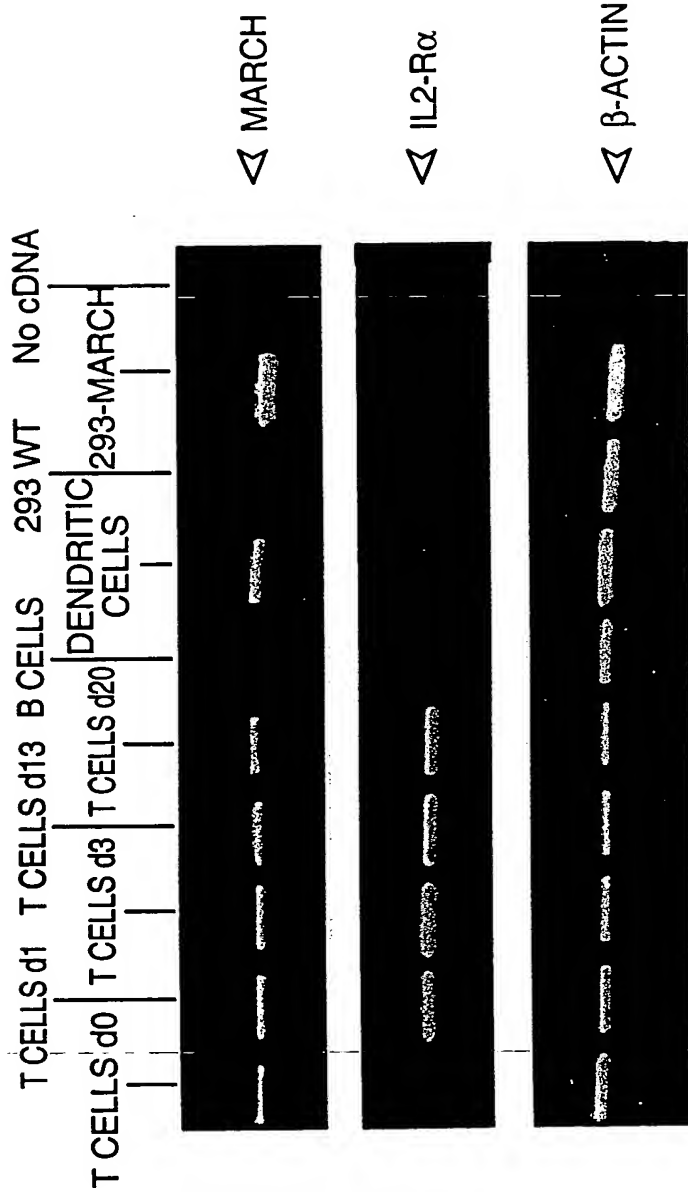


FIG. 3B

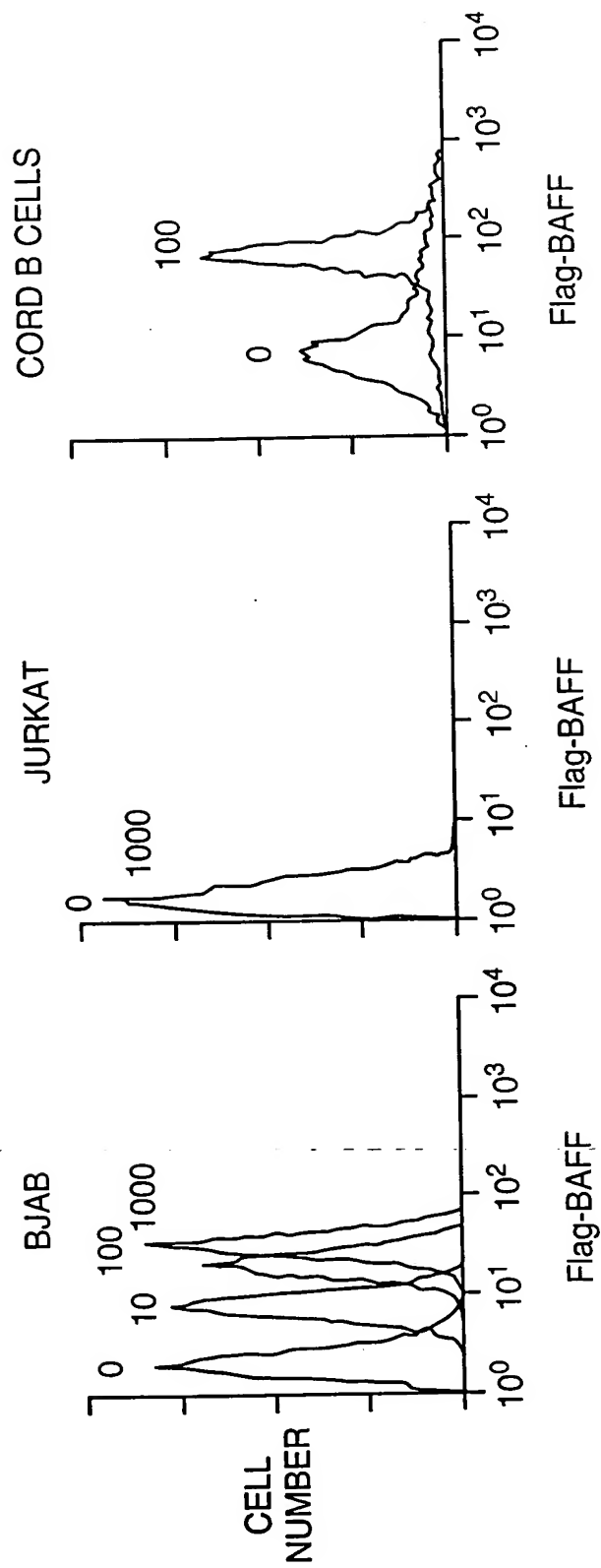
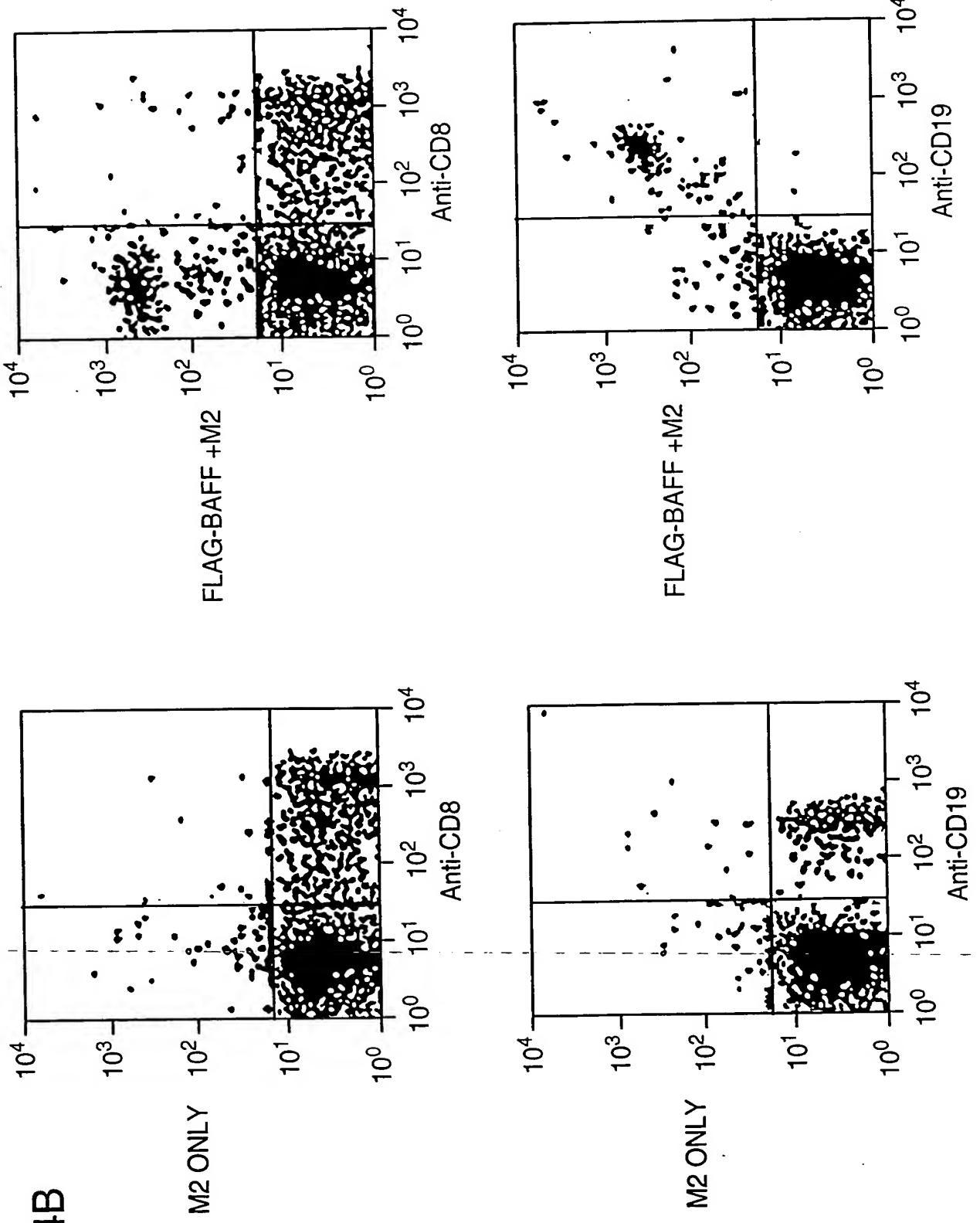


FIG. 4A



FIG. 4B



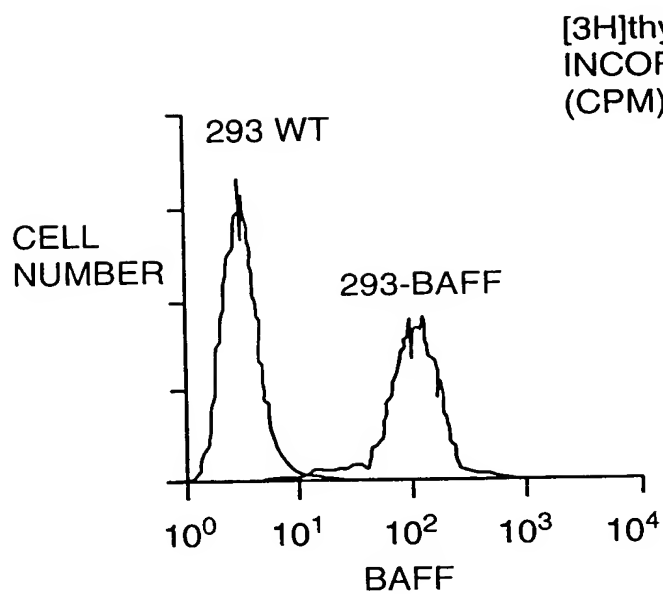


FIG. 5A

[3H]thymidine  
INCORPORATION  
(CPM)

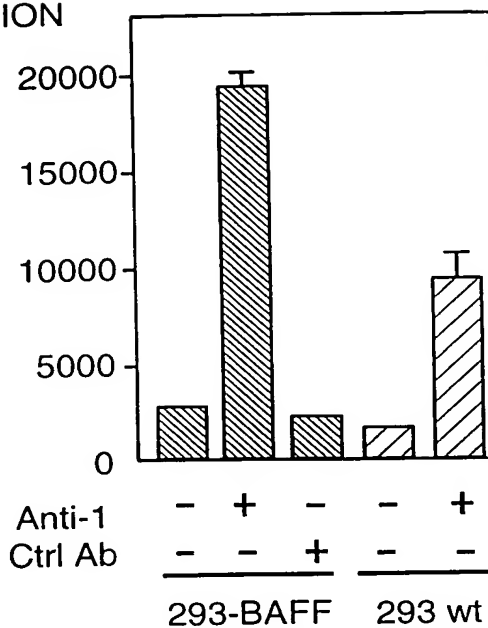
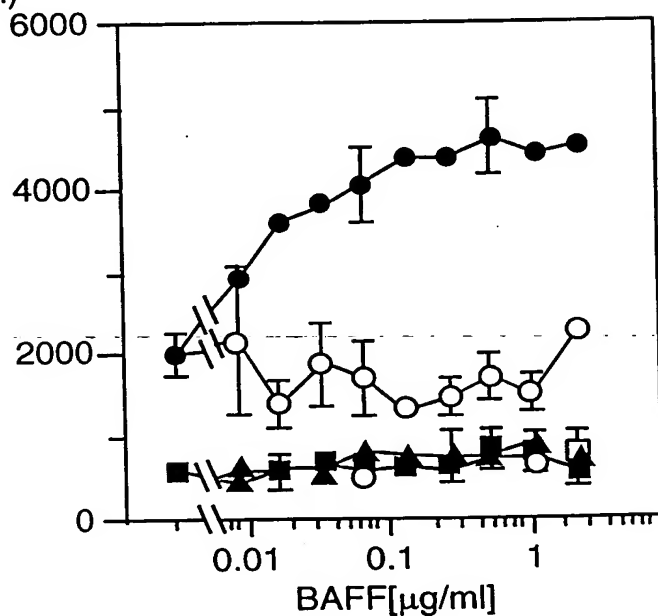


FIG. 5B

[3H]thymidine  
INCORPORATION  
(cpm)



- BAFF alone
- BAFF + anti- $\mu$
- ▲ BAFF + control Ab
- Boiled BAFF alone
- Boiled BAFF + anti- $\mu$
- △ Boiled BAFF + control Ab

FIG. 5C

[3H]thymidine  
INCORPORATION  
(cpm)

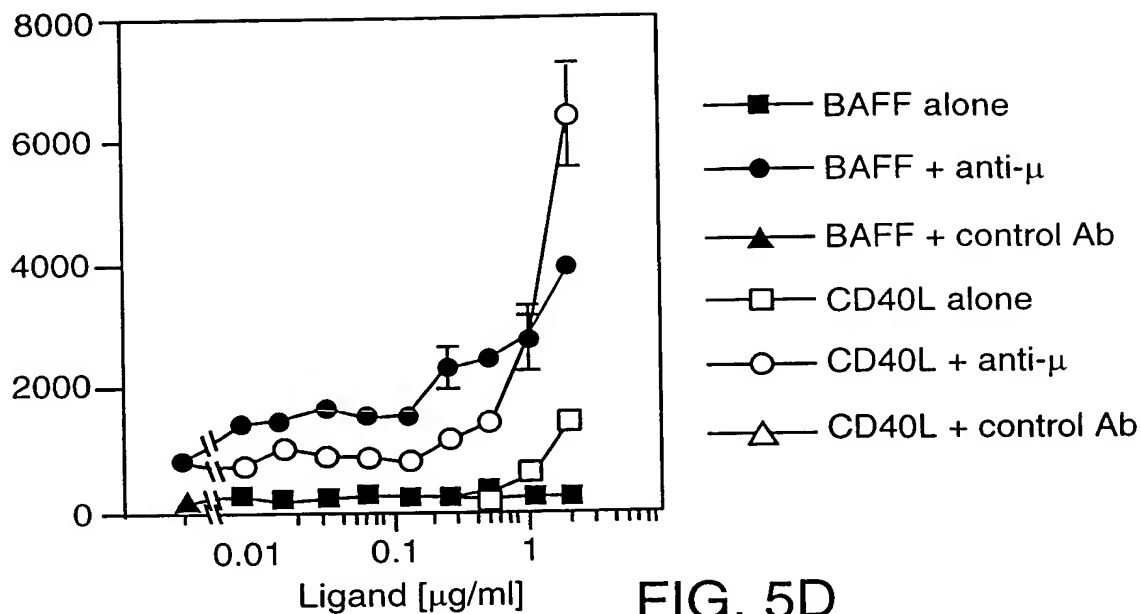


FIG. 5D

Ig  
SECRETION  
( $\mu$ g/ml)

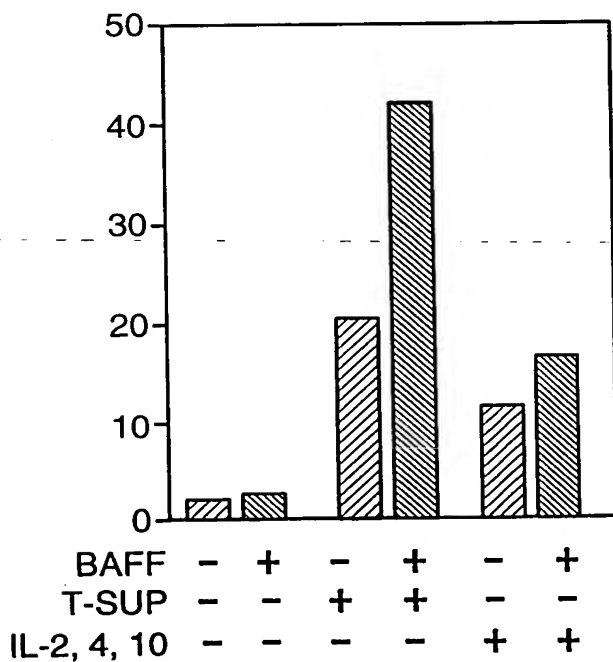


FIG. 5E

Ig  
SECRETION  
WITH T-SUP  
(% OF  
CONTROL  
RESPONSE)

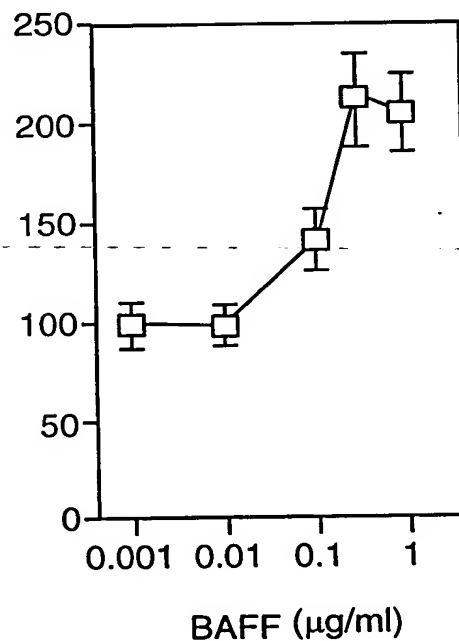


FIG. 5F

BAFF ACTS AS A COFACTOR FOR B CELL PROLIFERATION

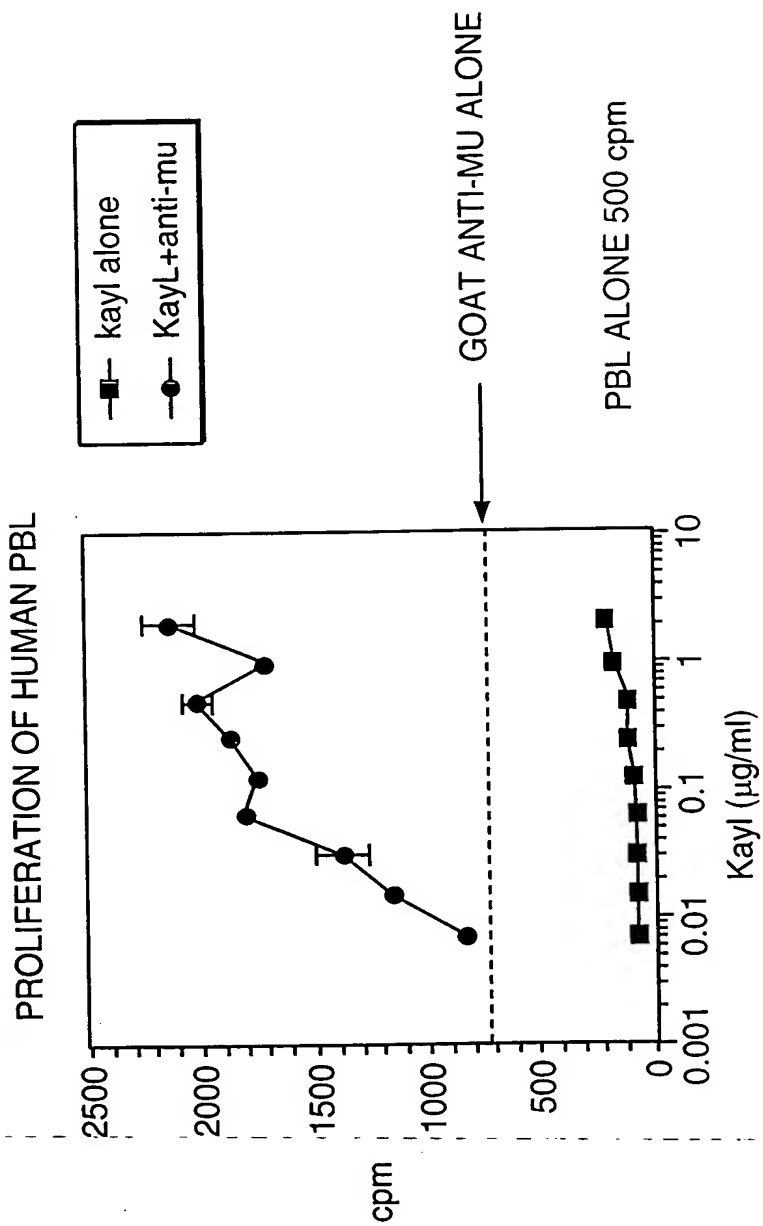


FIG. 6

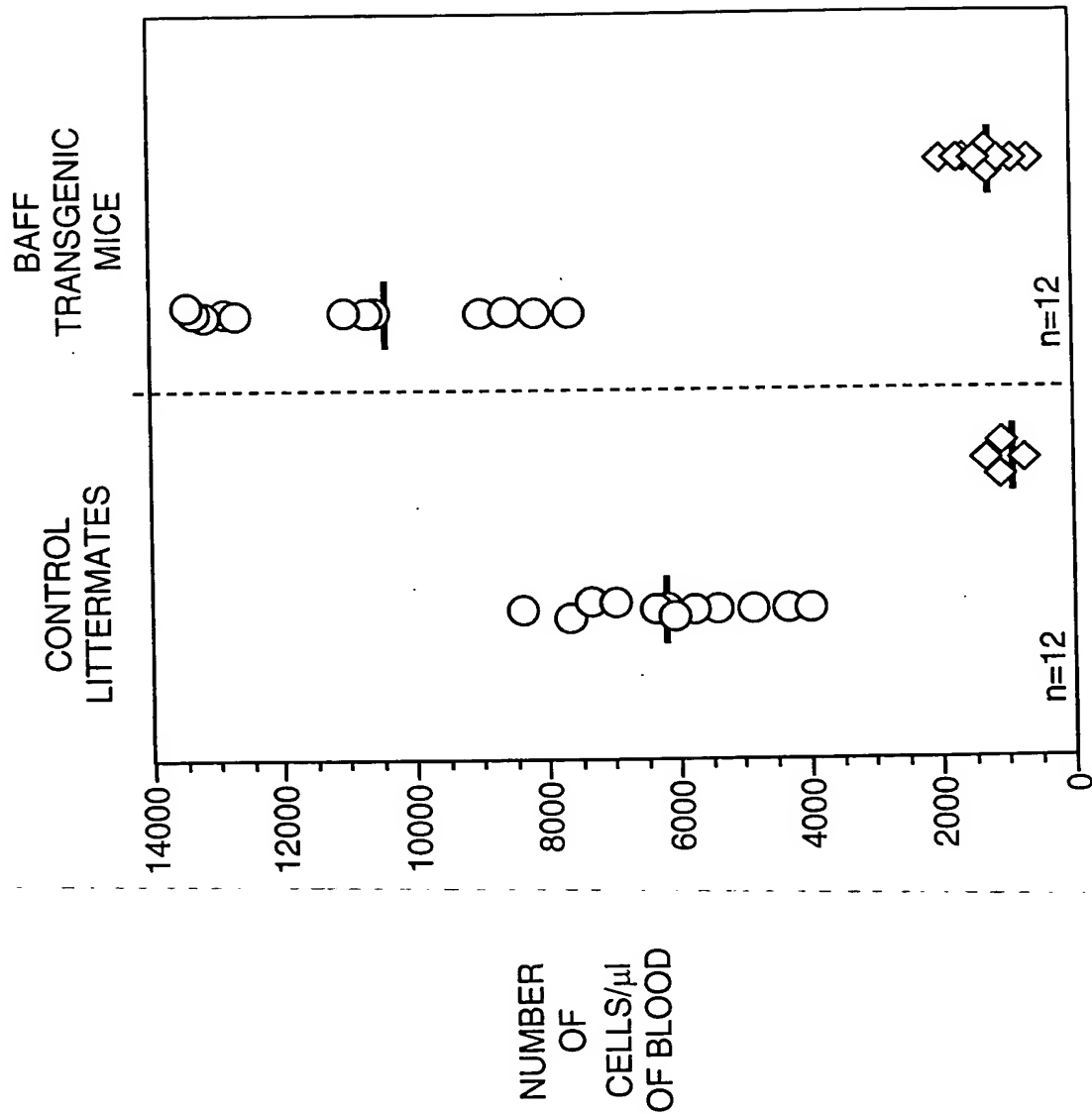


FIG. 7A

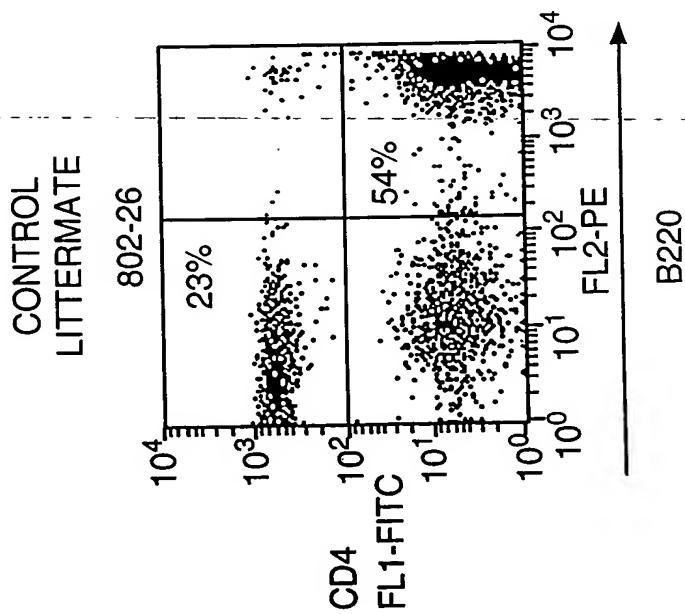


FIG. 7B-1

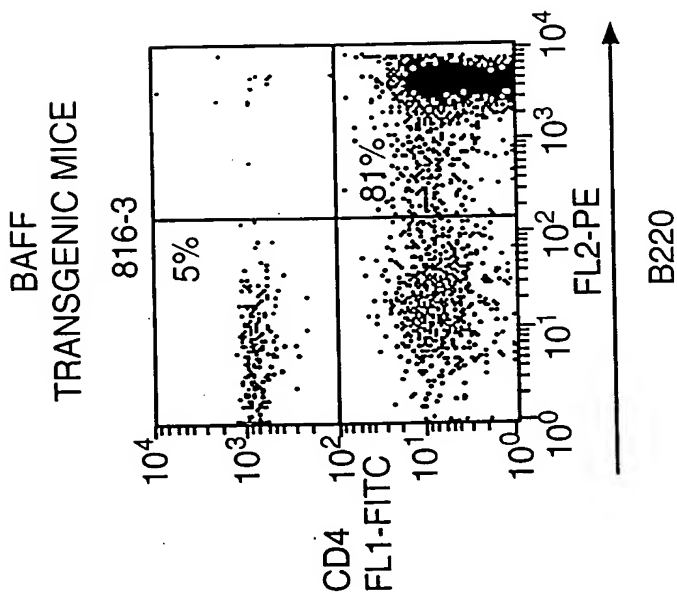


FIG. 7B-2

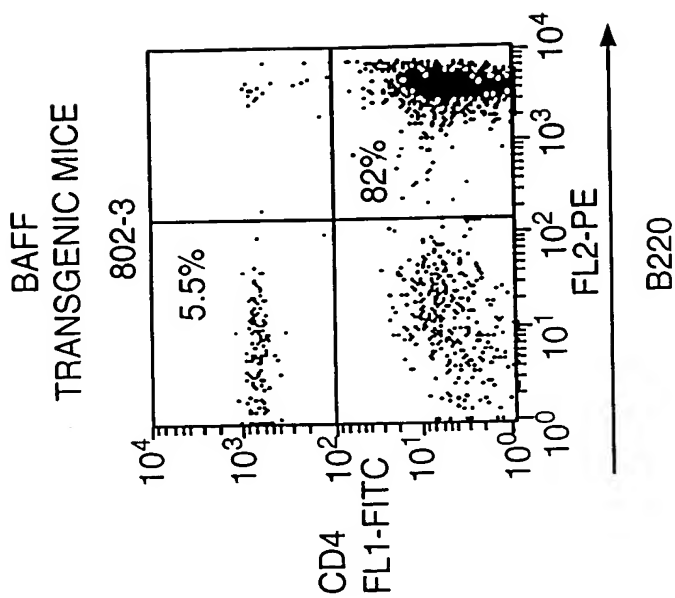


FIG. 7B-3

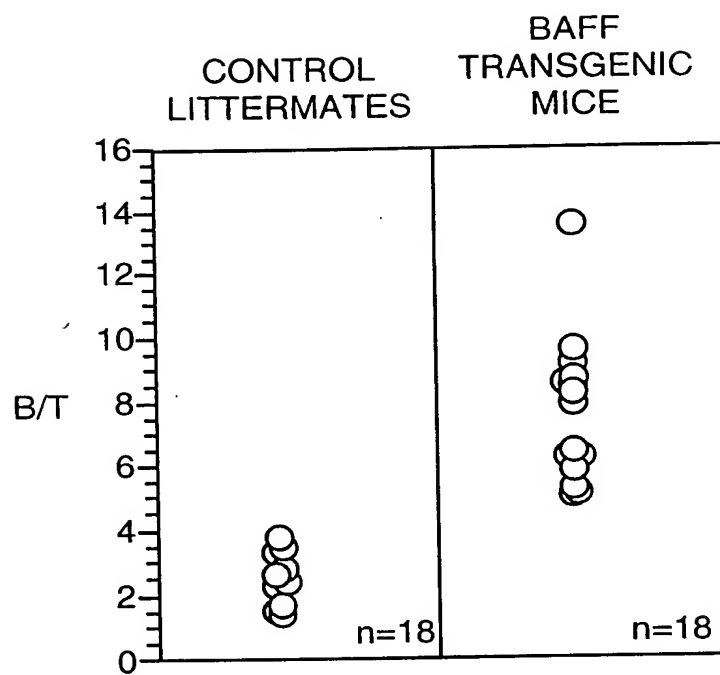


FIG. 7C

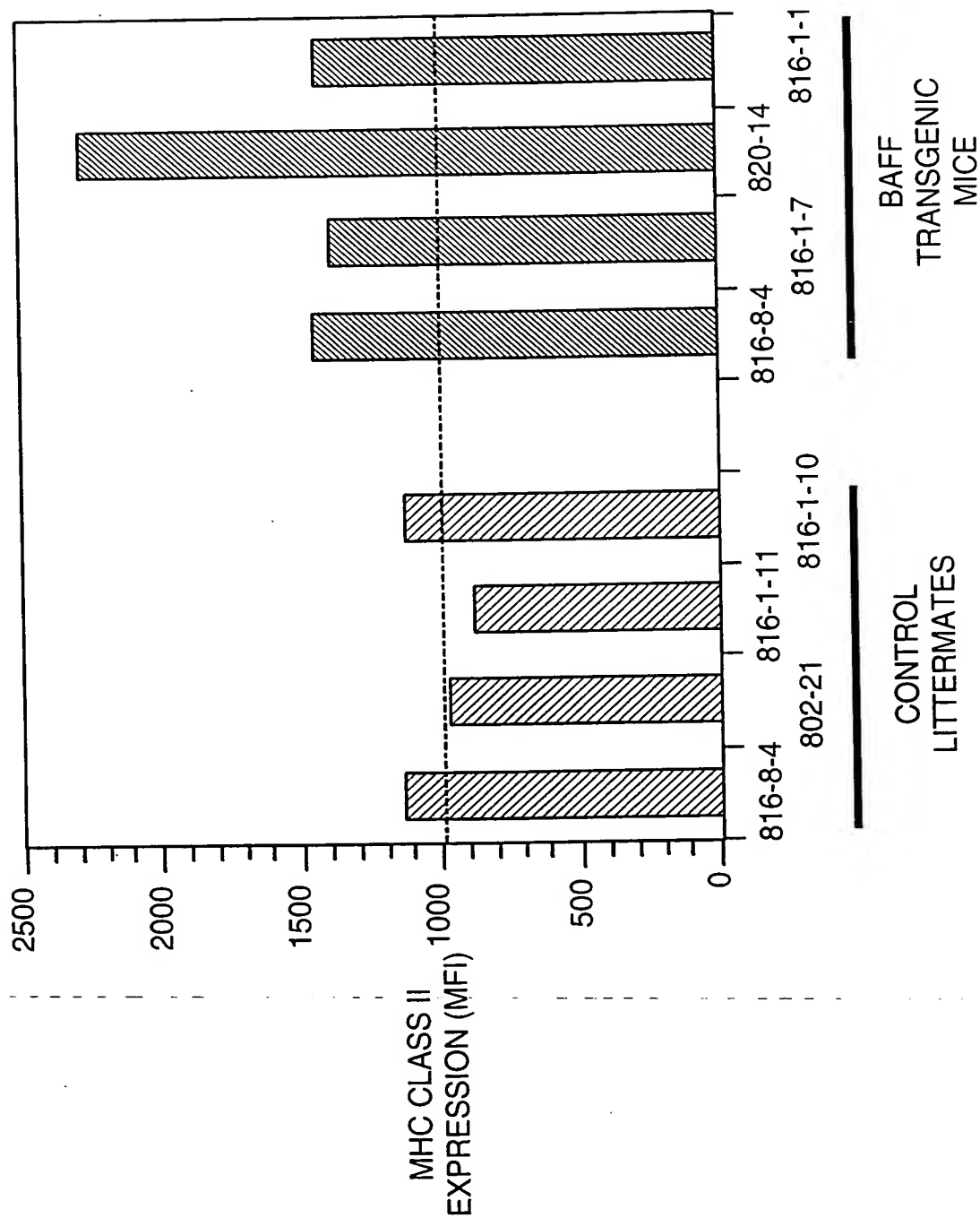


FIG. 7D



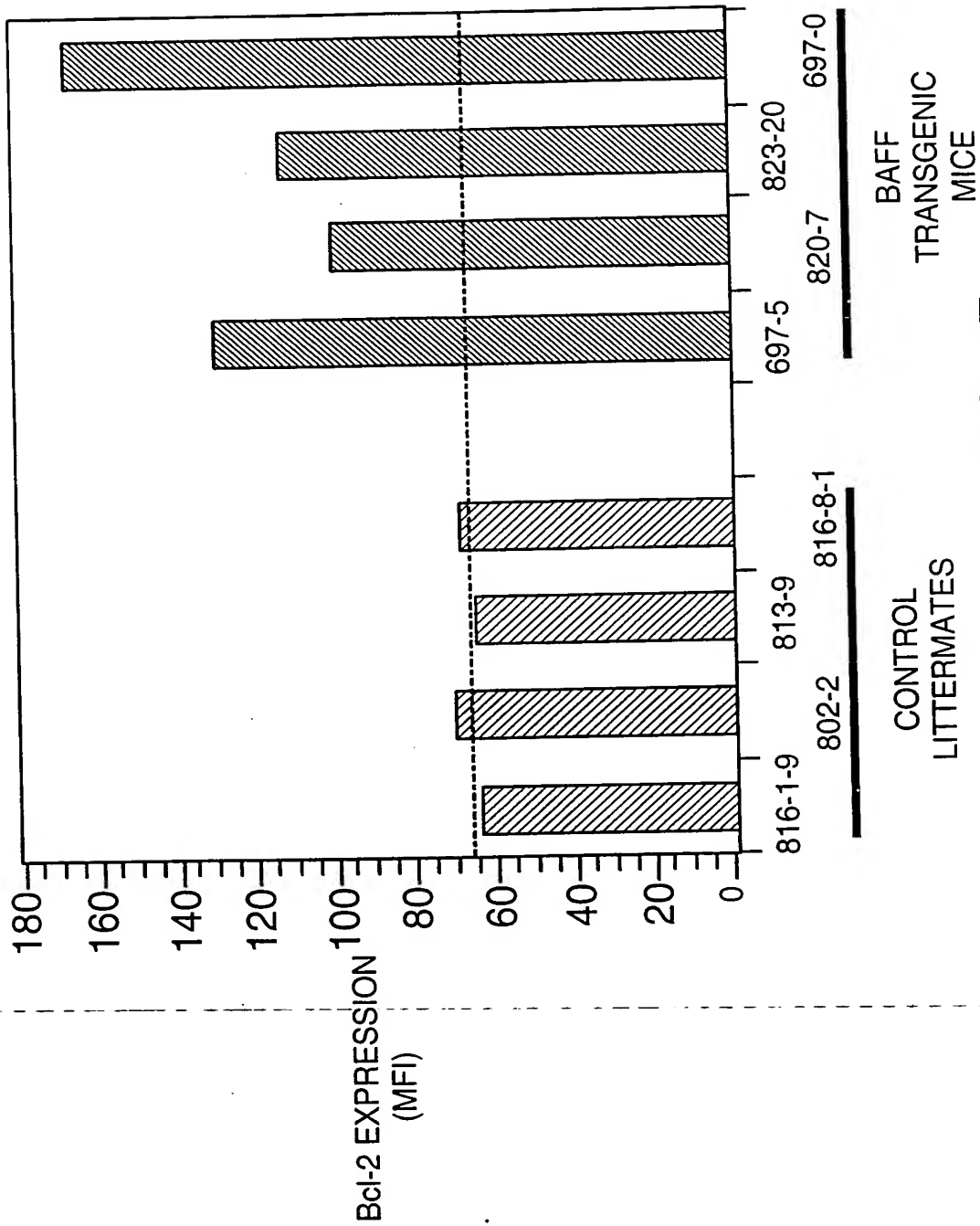


FIG. 7E

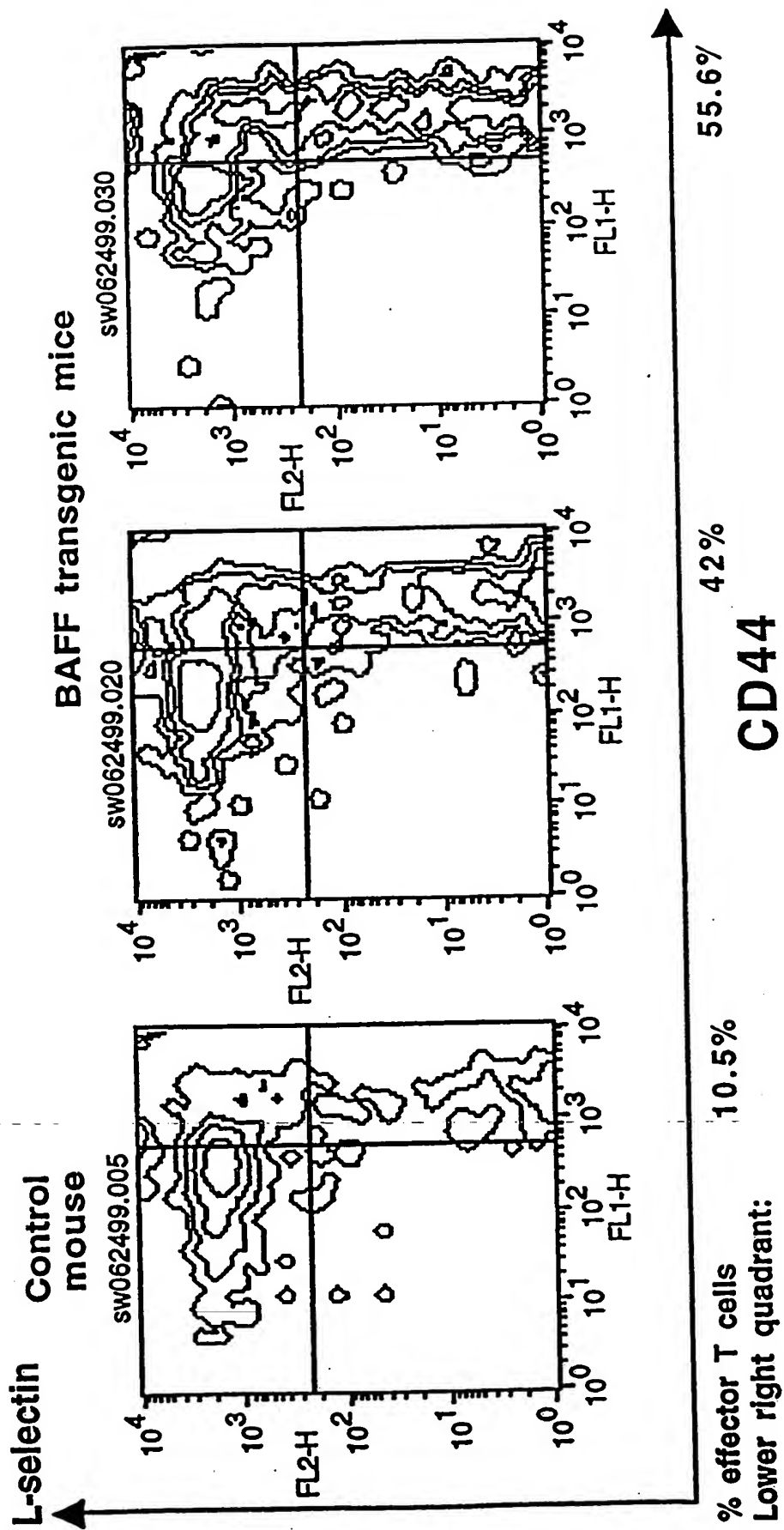


FIG. 7F

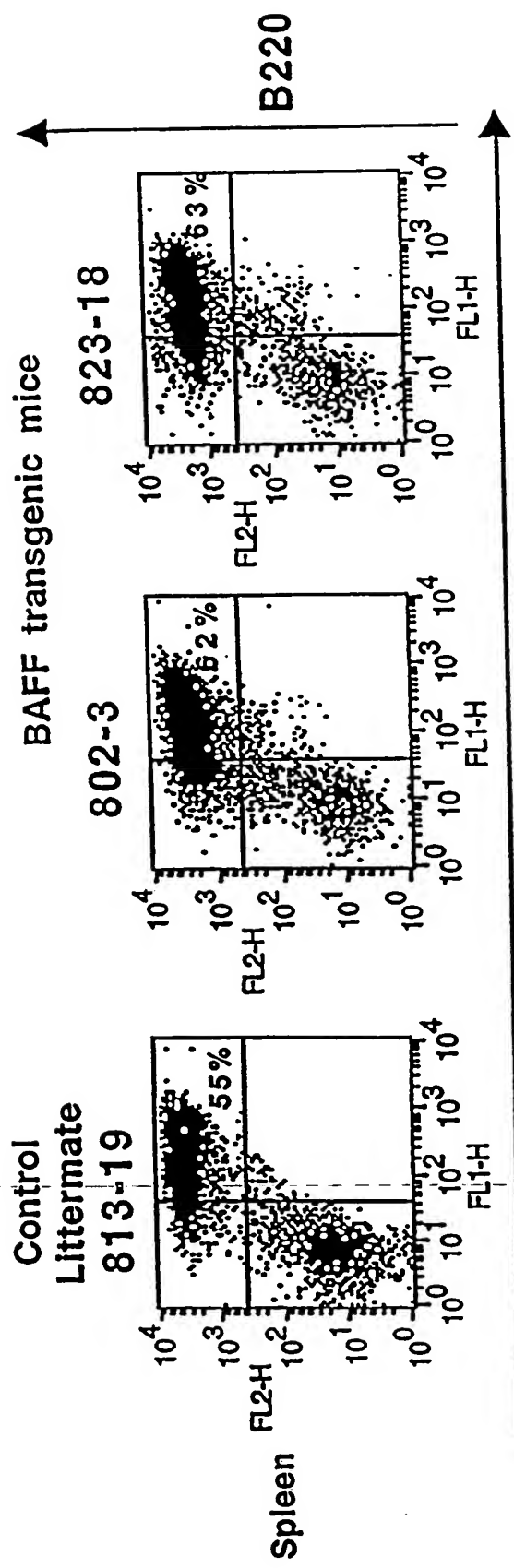


FIG. 8A-1

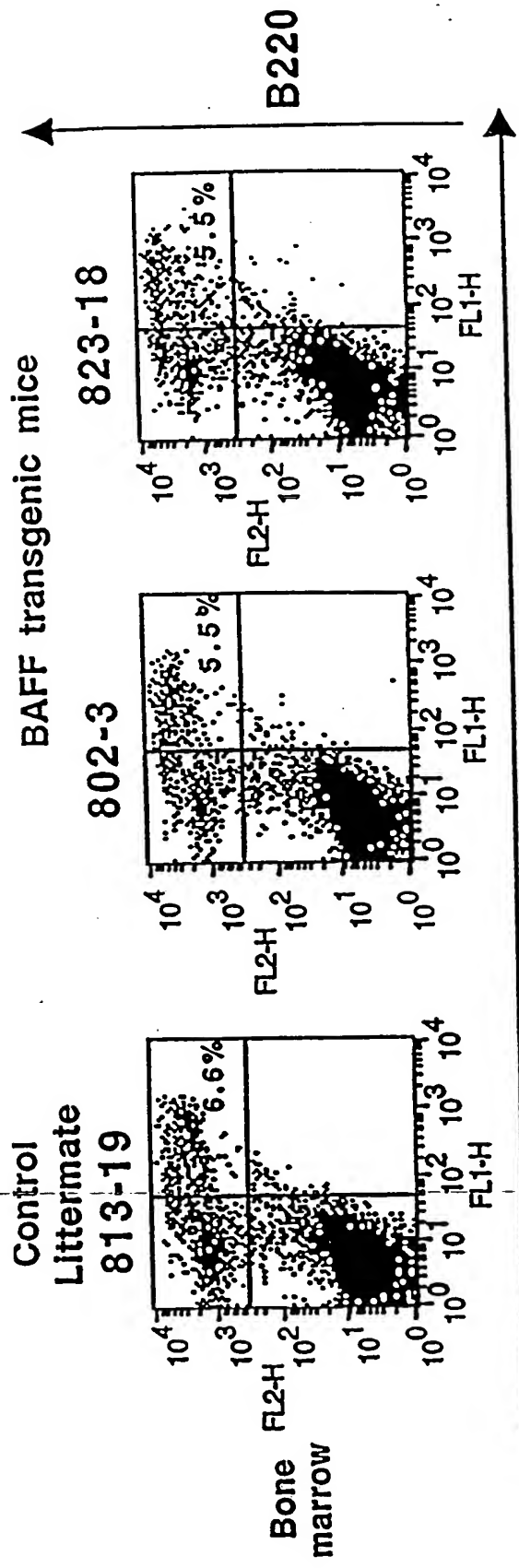


FIG. 8A-2

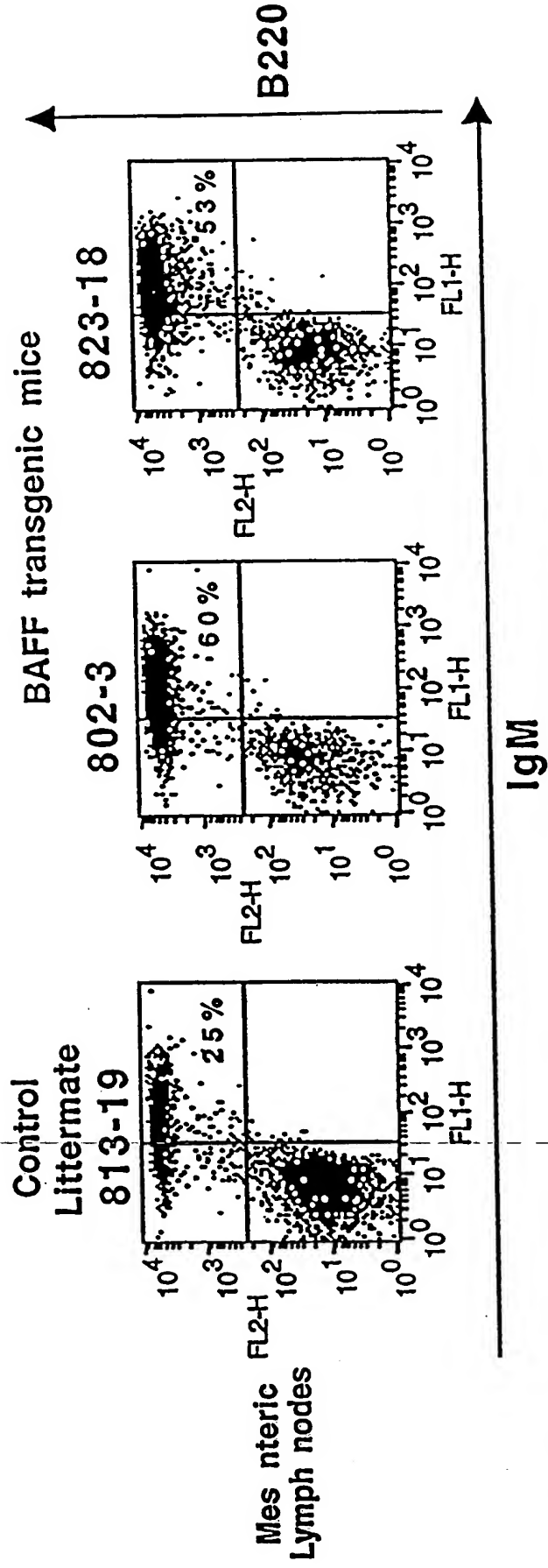


FIG. 8A-3

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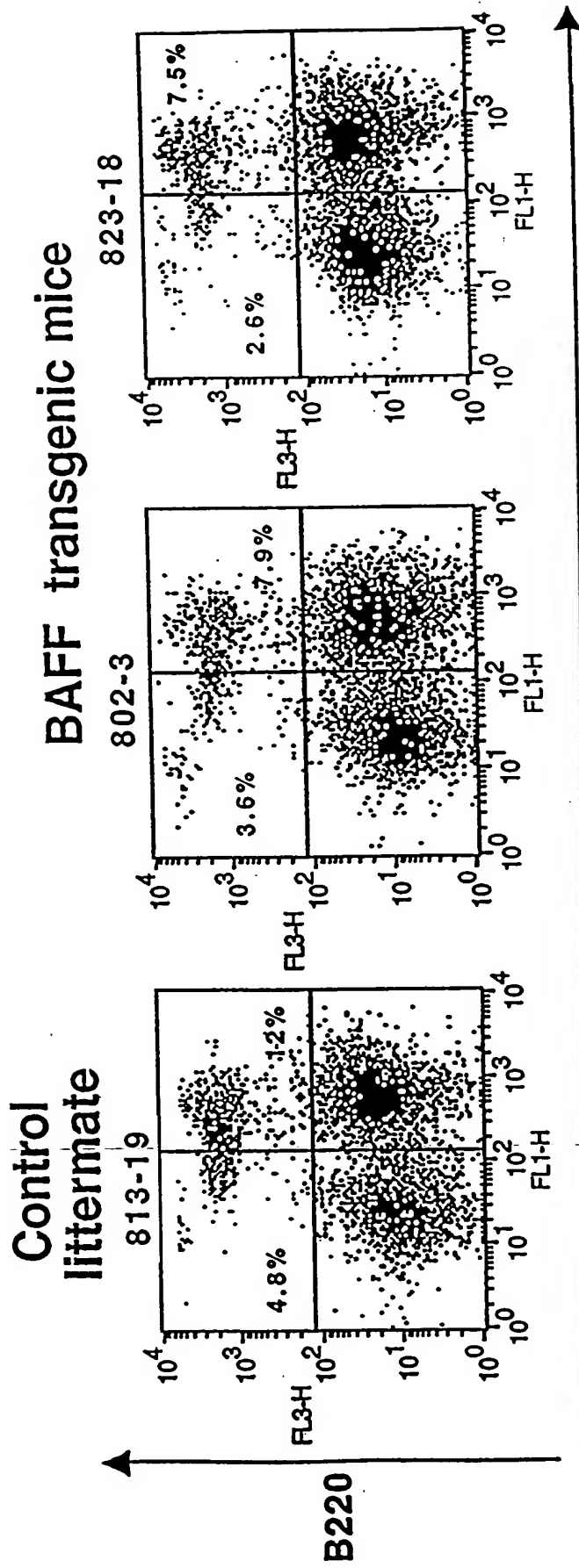


FIG. 8B

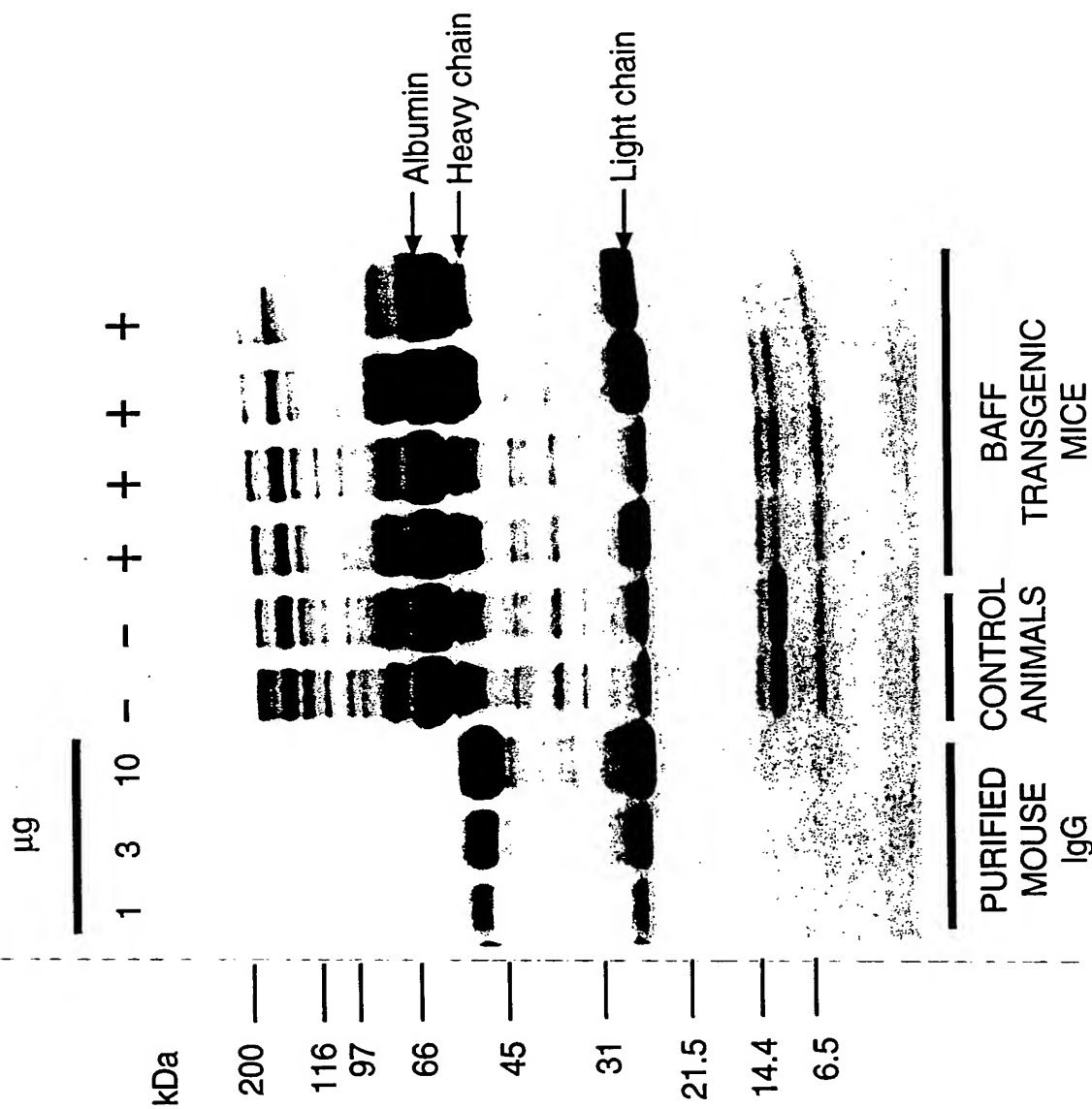
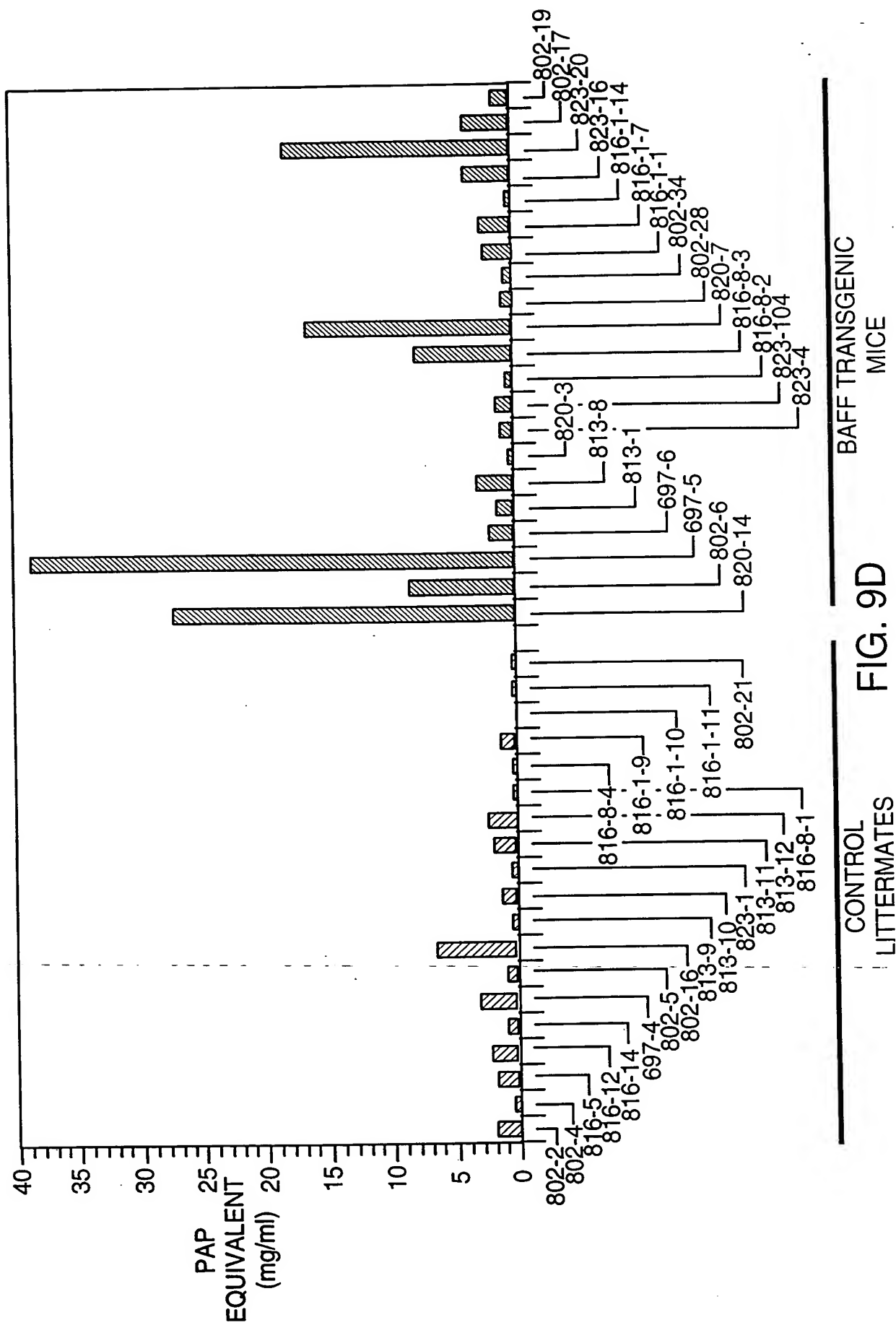


FIG. 9A

## BAFF TRANSGENIC MICE

## BAFF TRANSGENIC MICE





Sample ID	anti-ssDNA (µg/ml)
802-2	175
802-4	175
816-5	175
816-12	175
816-14	175
697-4	40
802-5	10
802-16	10
813-9	10
813-10	10
823-1	10
813-11	10
813-12	10
816-8-1	10
816-8-4	10
816-1-9	10
816-1-10	10
816-1-11	10
802-21	10
820-14	10
802-6	10
697-5	10
697-6	10
813-1	10
813-8	10
820-3	10
823-4	10
823-104	10
816-8-2	10
816-8-3	10
820-7	10
802-28	10
816-34	10
816-1-1	10
816-1-7	10
823-16	10
823-14	10
816-1-14	10
823-17	10
802-19	10
802-1	10

## BAFF TRANSGENIC MICE

CONTROL  
LITTERMATES

FIG. 10A

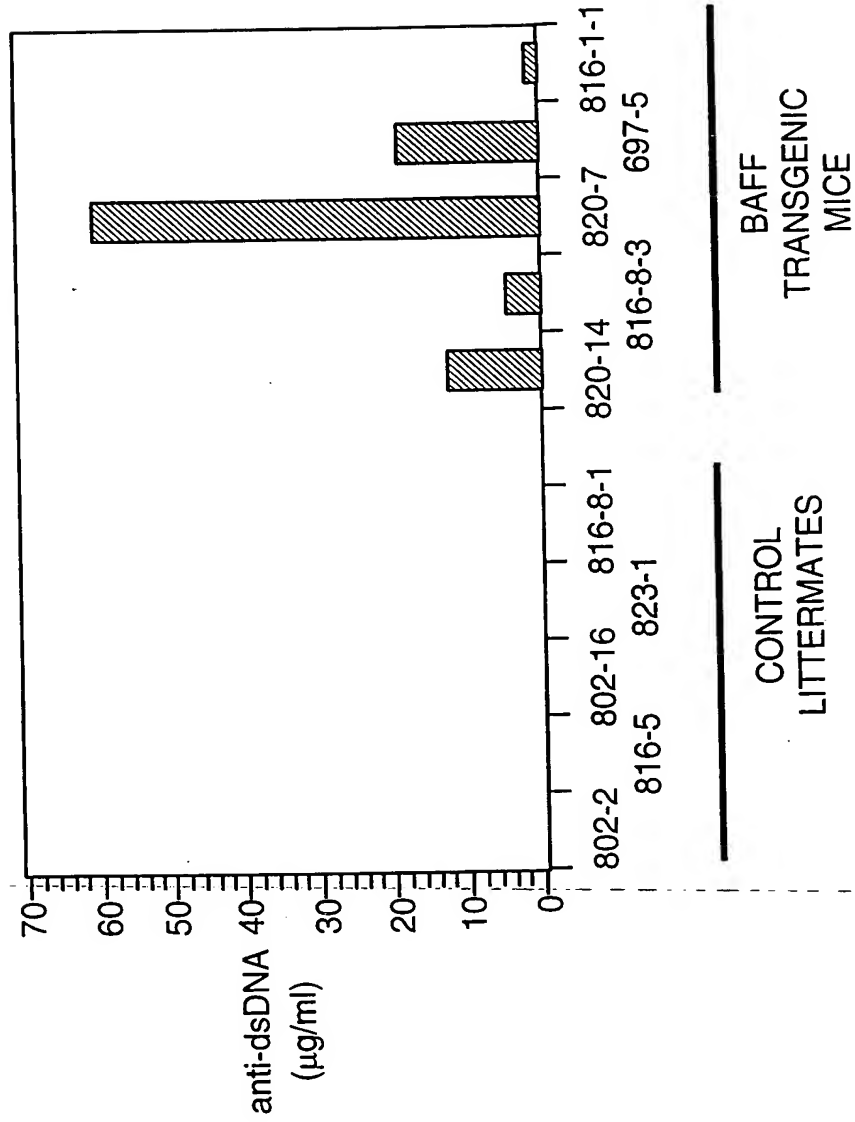
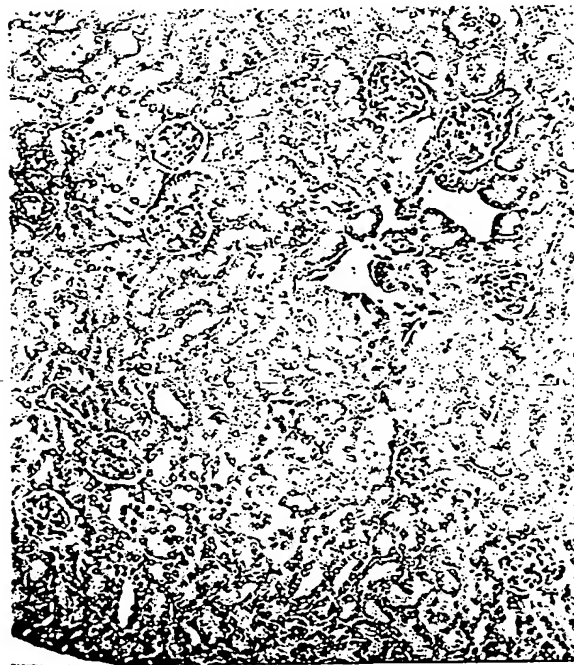


FIG. 10B

Control animal



BAFF transgenic mouse

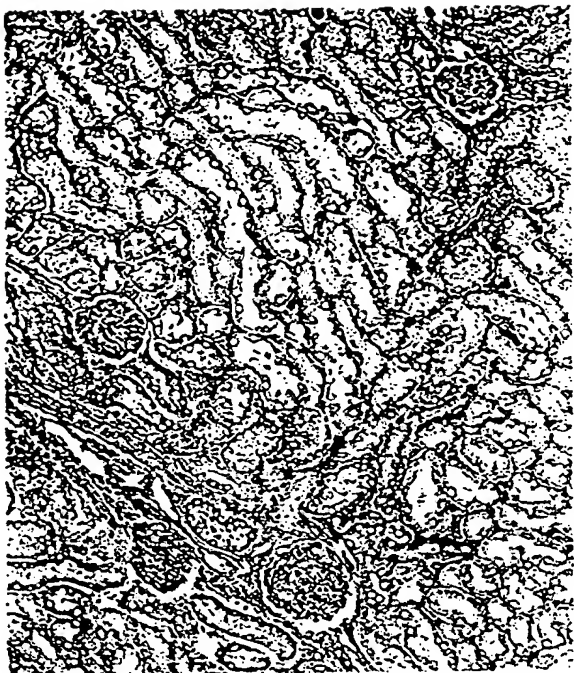


FIG. 10C

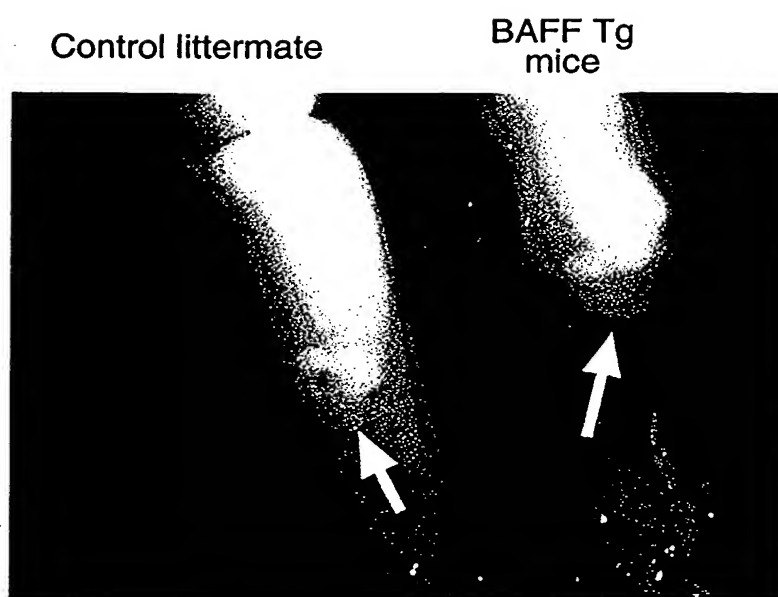


FIG. 11

104574-10701

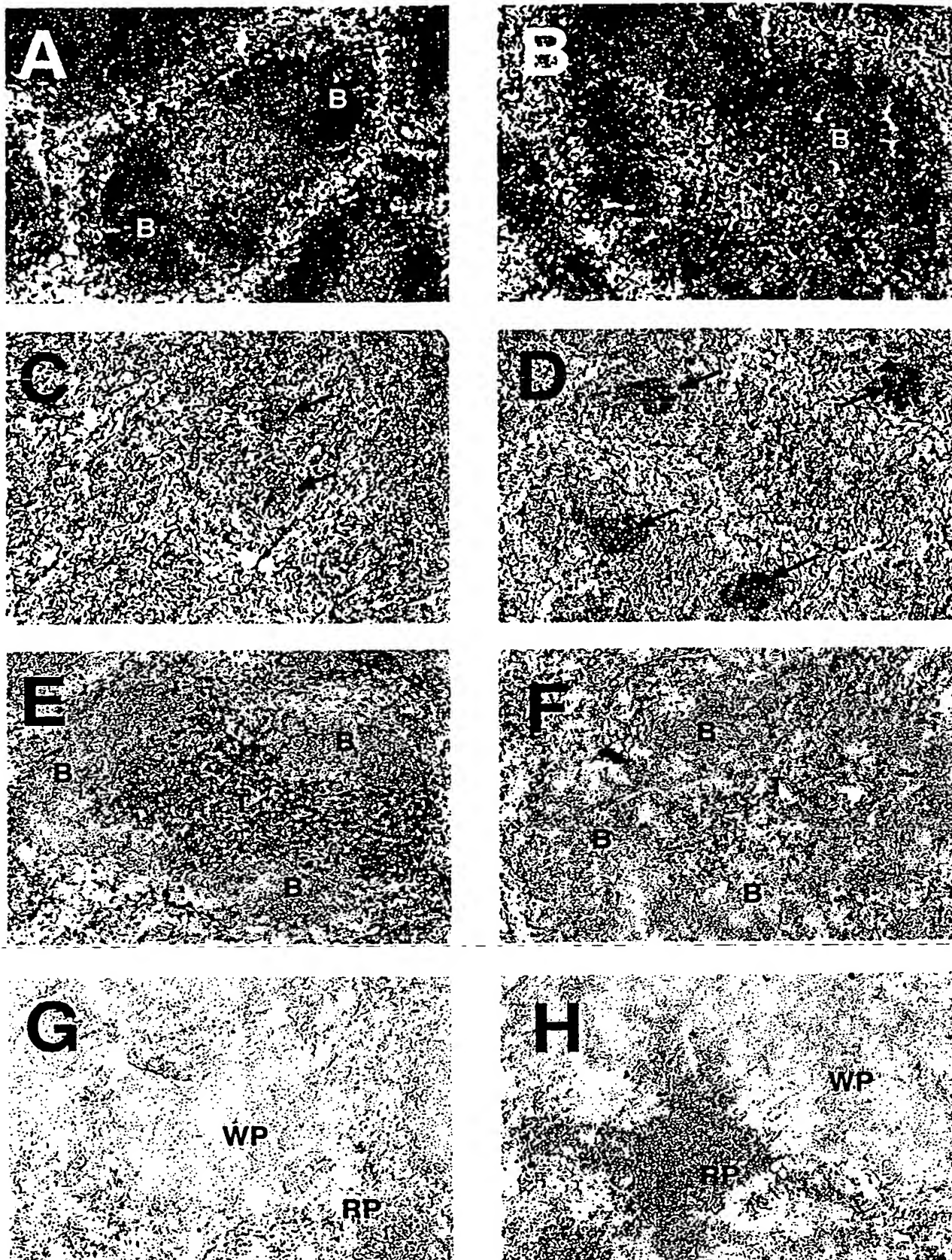


FIG. 12

1004574-110701

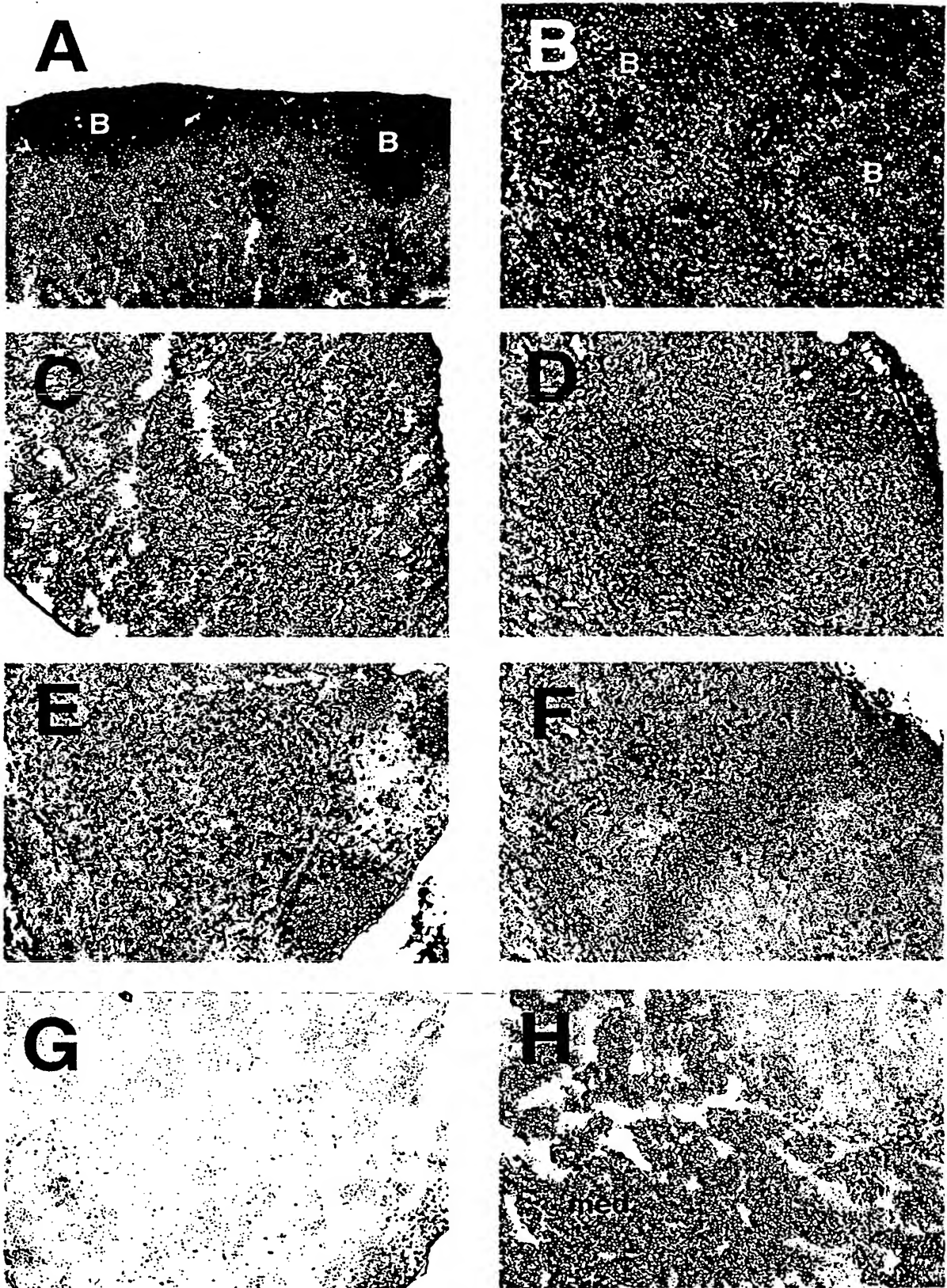


FIG. 13

Fig. 14 A

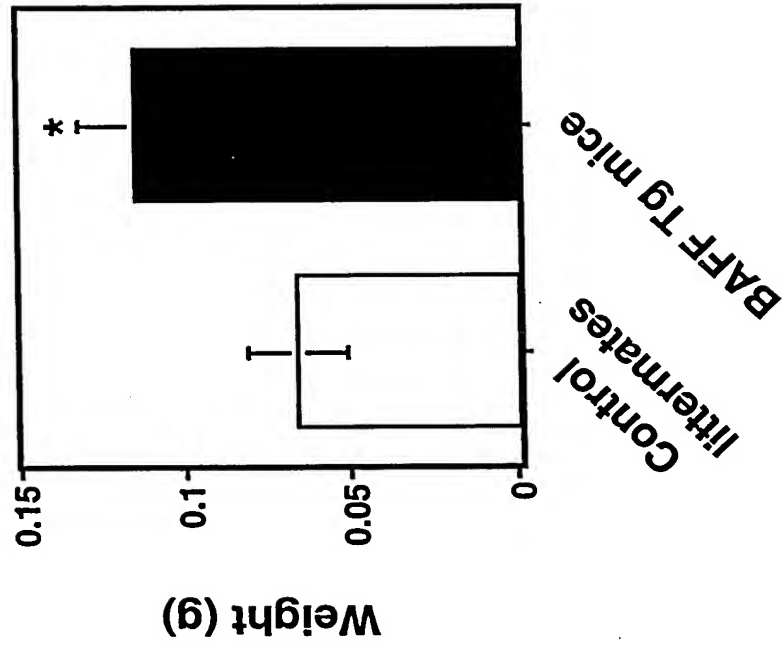




Fig.  
14B

BAFF Tg mice



Control littermate

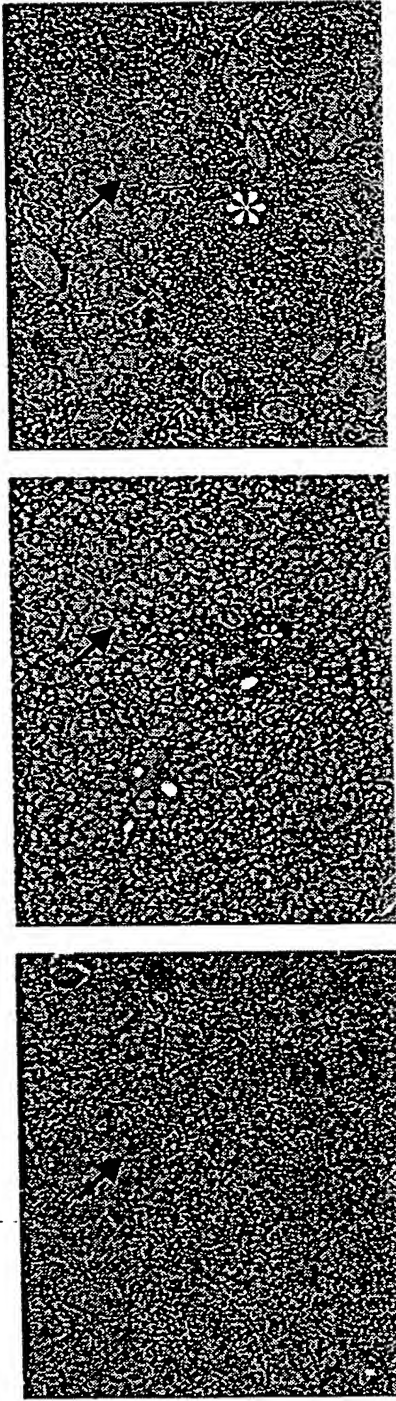




Fig. 15

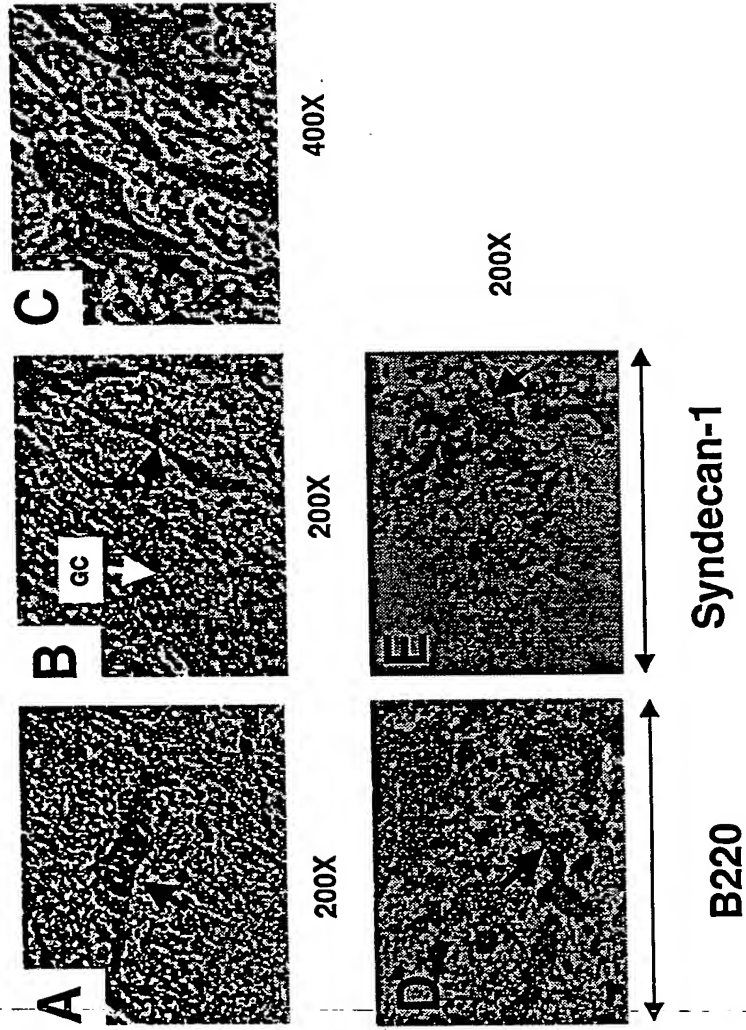


Fig 16.

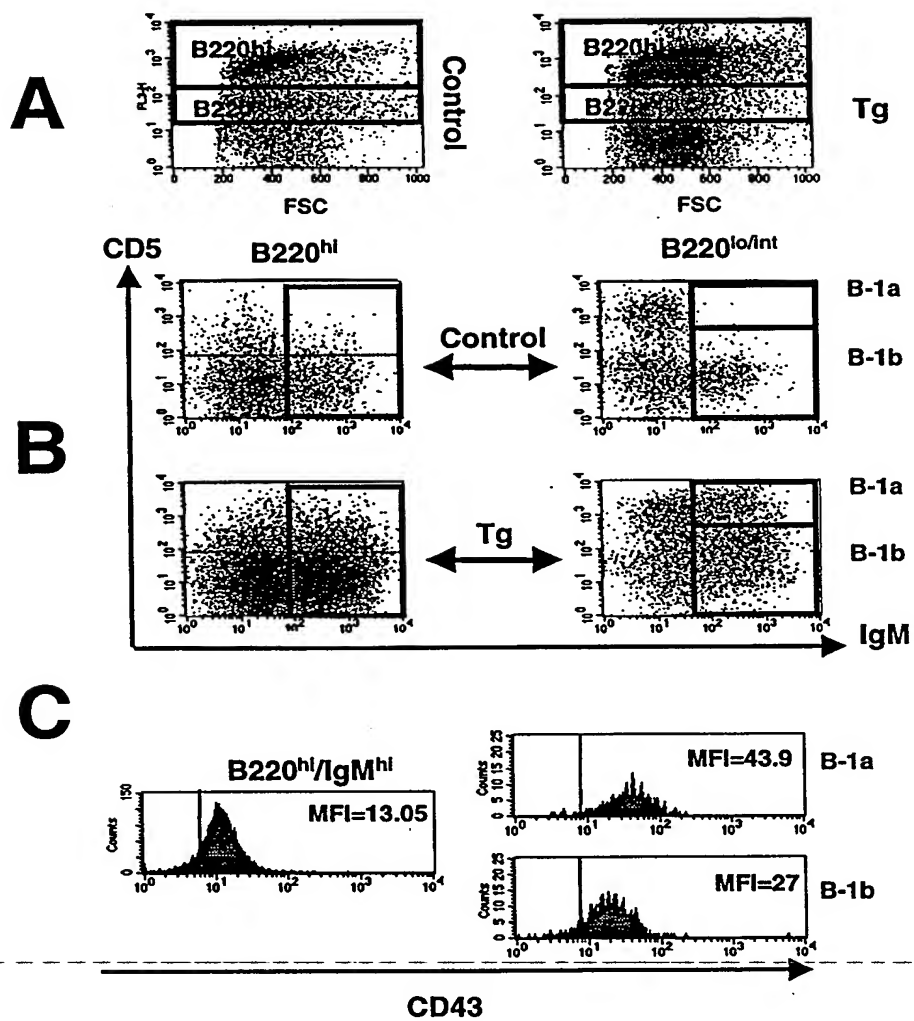


Fig 16

**D**

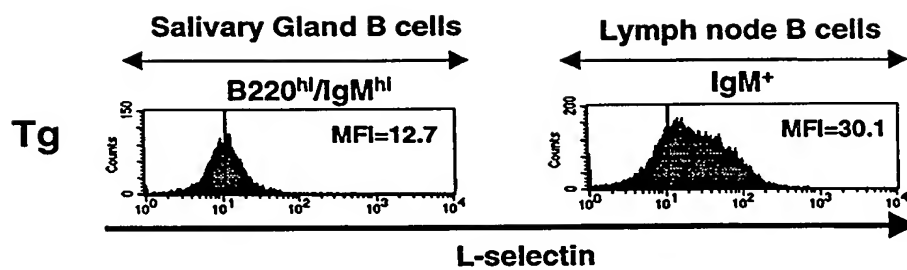


Fig 16

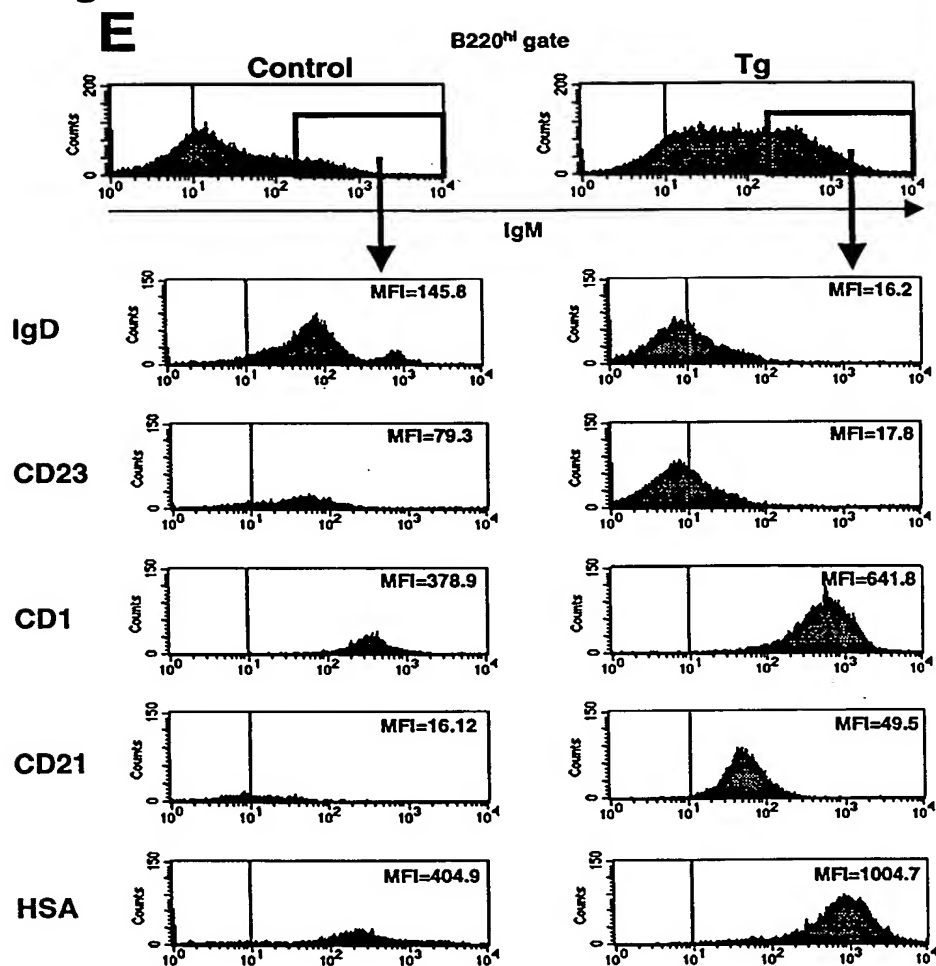


Fig. 16 F

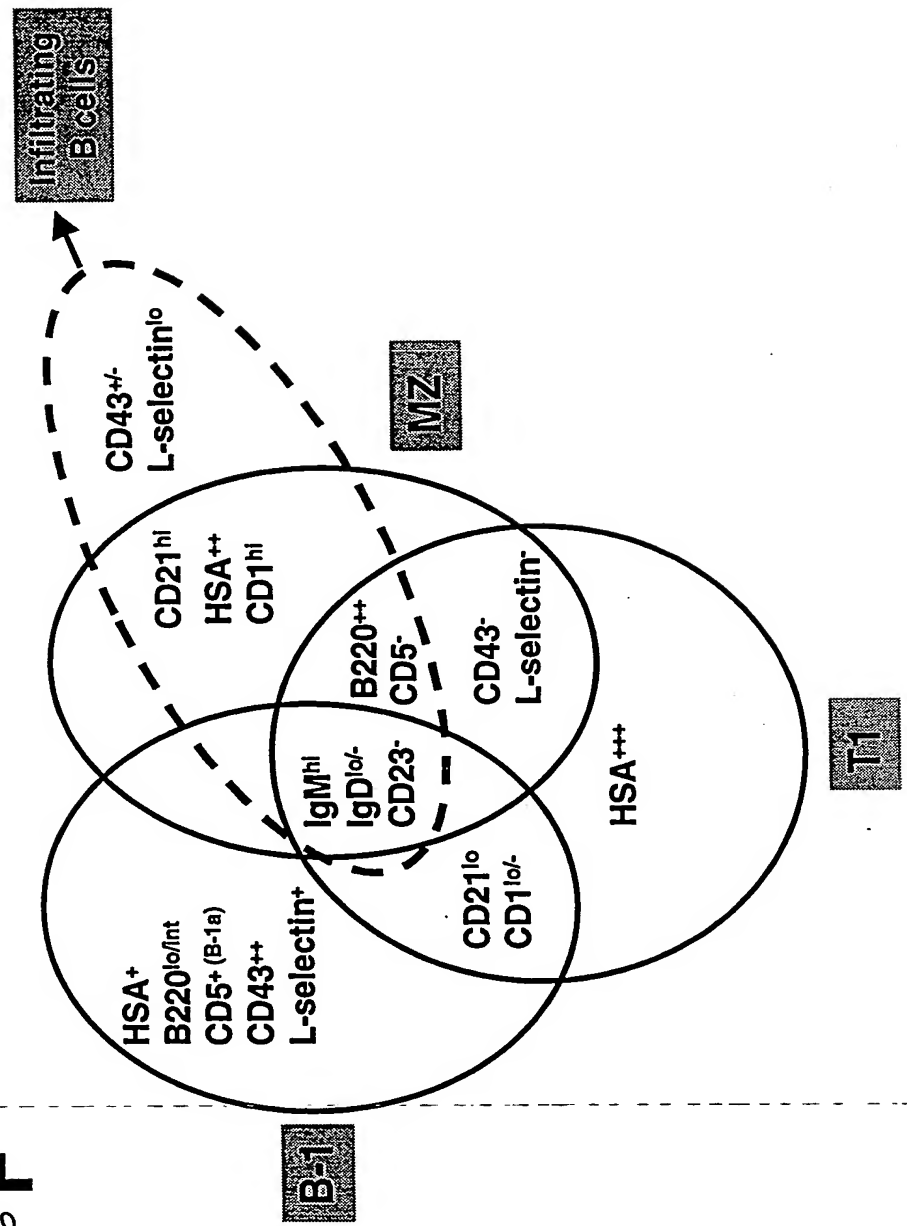


Fig. 17

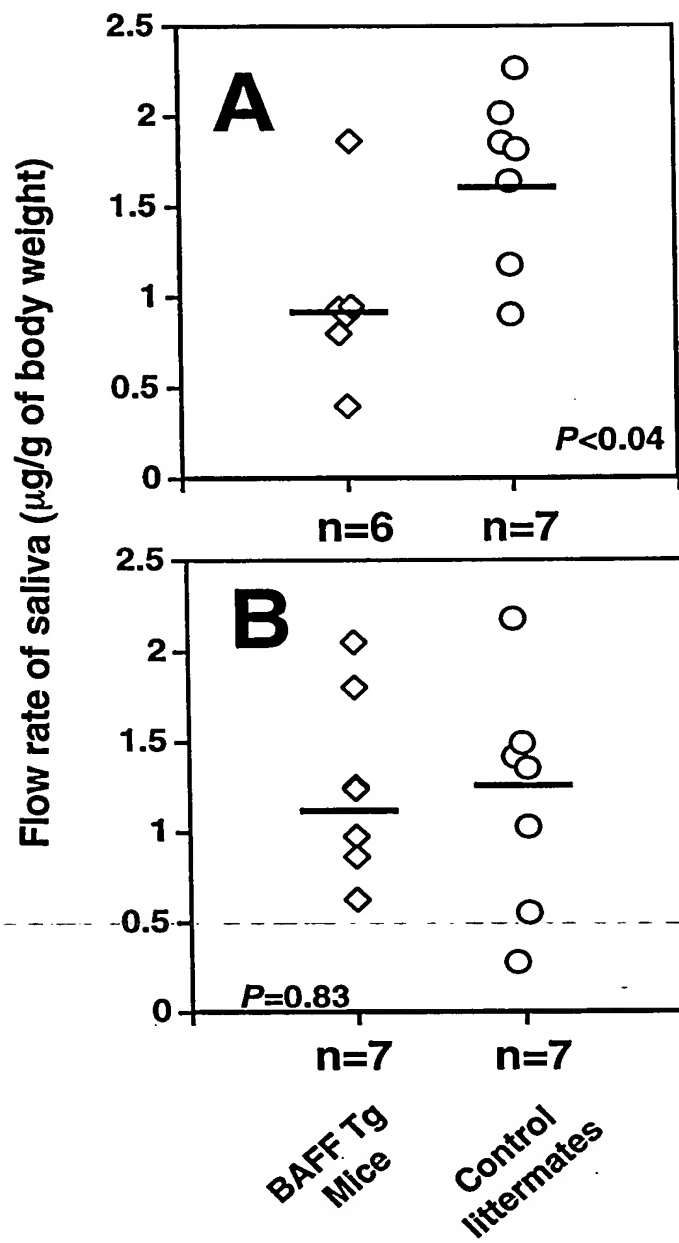




Fig. 18A

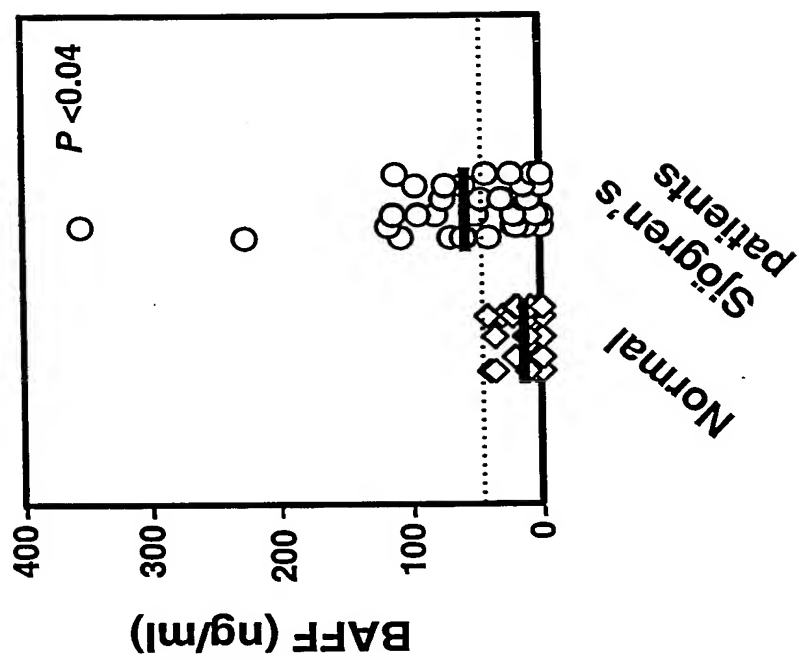


Fig. 18B

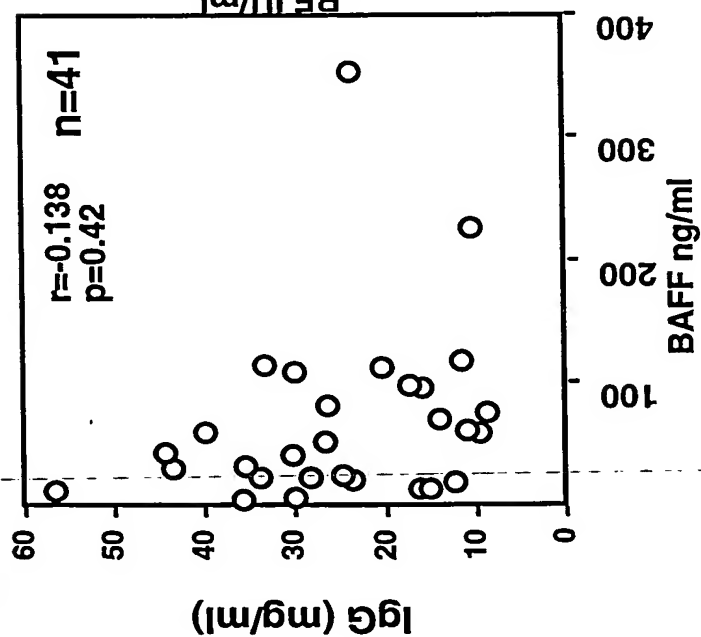
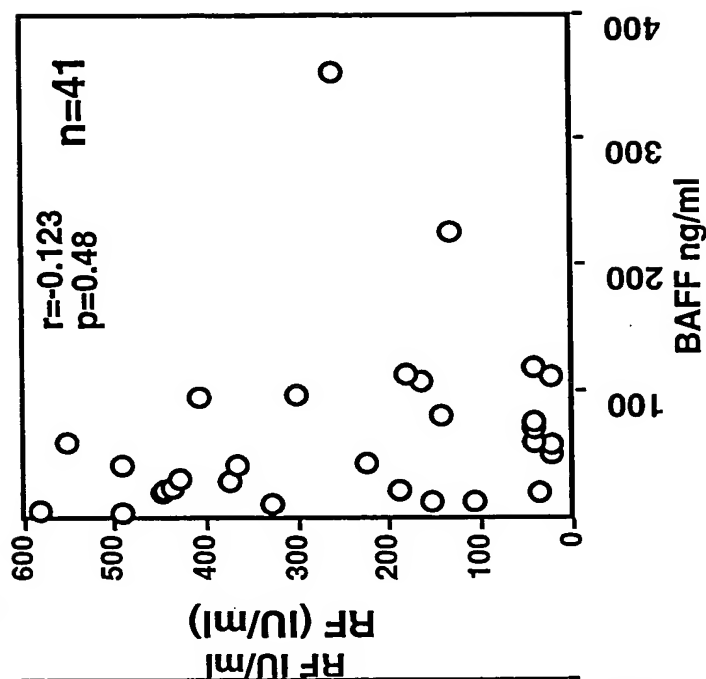


Fig. 18C



18. D

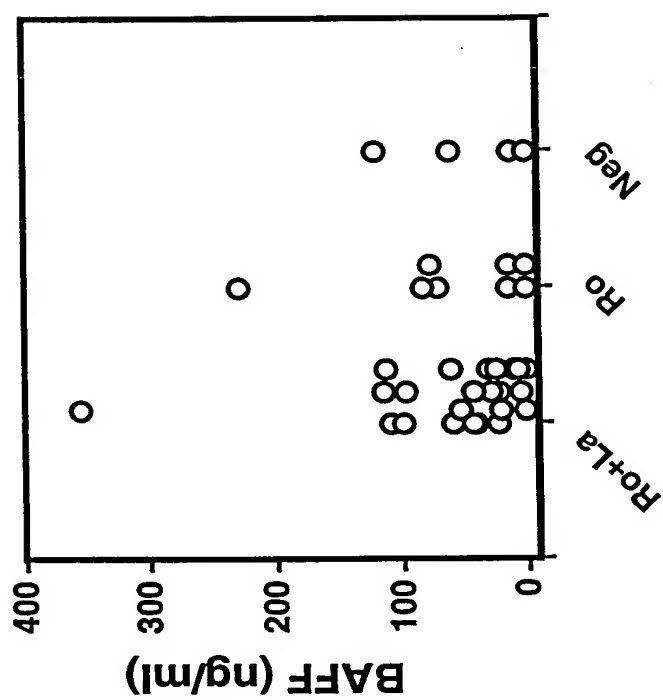


Fig. 18E

